



**STATE OF MICHIGAN  
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET**

This contract authorizes the professional services contractor to provide professional services. (Authority: 1984 PA 431)

**CONTRACT FOR PROFESSIONAL SERVICES: Indefinite Scope – Indefinite Delivery  
Billing Rate – Not to Exceed**

THIS CONTRACT, authorized this 29th day of March in the year two-thousand and nineteen (2019), by the Director, Department of Technology, Management and Budget, BETWEEN the STATE OF MICHIGAN acting through the STATE FACILITIES ADMINISTRATION, DESIGN AND CONSTRUCTION DIVISION of the DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET, 3111 West St. Joseph Street, Lansing, Michigan, hereinafter called the Department, and

Wolverine Engineers & Surveyors, Inc.  
312 North St.  
Mason, MI 48854

the Prime Professional Services Contractor, hereinafter called the Professional,

WHEREAS, the Department proposes securing professional services FOR THE FOLLOWING PROJECT:

**Indefinite-Scope, Indefinite-Delivery Contract No. 00842**

Department of Technology, Management and Budget  
State Facilities Administration, Design and Construction Division  
Professional Architectural and Engineering Indefinite-Scope, Indefinite Delivery Contract (ISID) for Minor Projects -  
Various State Departments and Facilities  
Various Site Locations, Michigan

Provide professional services, technical staff, and support personnel for ISID minor projects on an as-needed basis at various State/Client Agencies within various locations as defined by the State of Michigan. These various ISID minor projects may include projects where the construction costs are between fifteen-thousand dollars (\$15,000) and five-hundred-thousand dollars (\$500,000) for this Contract.

This Contract is for professional design services for an unspecified number of ISID projects. The scope of work for each assigned project will be defined at the time the project is awarded by the State to the Professional firm. The professional services required for each of these assigned projects requested by the Department may include any or all the Tasks included in the Phase 100 – Study through the Phase 700 – Construction text of the Department’s Standard Professional Services Contract.

The Professional firm’s services shall be performed in strict accordance with this Professional Services Contract and follow the Department’s approved and attached Project/Program Statement.

This Contract does not warrant or imply to the Professional design firm entitlement to perform any specific percentage (%) amount of compensation, work, or projects during the life of this three (3) year Contract.

This Contract will remain in effect for three (3) years from the date of this Contract award but may be unilaterally terminated by the State of Michigan at any time, for cause or its convenience, by written notification of the State, to the Professional. Furthermore, this Contract may be extended for one (1) additional year, at the sole option and discretion of the State upon the Department providing written notice to the Professional prior to the expiration of the original three (3) year Contract period. Any such time extension shall be subject to the terms and conditions of this Contract, including, but not limited to, the existing hourly billing rates included in this Contract for the Professional, their Consultant, and their employees or agents.

**Please note that for this Professional Services Contract your permanent assigned ISID Contract No., as noted on page 1 of this contract, must be provided on all Project correspondence and documents.**

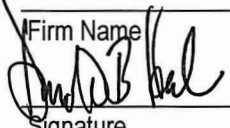
The Professional is not to provide any professional services or incur expenses until individual ISID Projects are assigned to this Contract. (See Article 2 – Compensation and the Project/Program Statement attached to this Contract.)

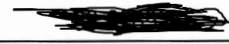
NOW THEREFORE, the Department and the Professional in consideration of the covenants of this Contract agree as follows:

- I. The Professional shall provide the services for the assigned Project in the study, design, and construction administration, Phase and Task sequence provided in this Professional Services Contract and to the extent authorized by the Department of Technology, Management and Budget State Facilities Administration (SFA), Design and Construction Division (DCD) [Department] and be solely responsible for such professional services. The Professional's services shall be performed in strict accordance with this Professional Services Contract and follow the Project/Program Statement.
- II. The State of Michigan shall compensate the Professional for providing their professional architectural and/or engineering study, design, and construction administration services for the Project in accordance with the conditions of this Professional Services Contract.


IN WITNESS, WHEREOF, each of the parties has caused this Professional Services Contract to be executed by its duly authorized representatives on the dates shown beside their respective signatures, with the Contract to be effective upon the date on which the Professional received a copy executed by the authorized State of Michigan representative(s) by regular, registered, or certified mail or by delivery in person.

**FOR THE PROFESSIONAL:**

Wolverine Engineers & Surveyors, Inc.  
\_\_\_\_\_  
Firm Name  
  
\_\_\_\_\_  
Signature  
President  
\_\_\_\_\_  
Title

  
\_\_\_\_\_  
Federal Identification (I.D.) Number  
April 1, 2019  
Date

**FOR THE STATE OF MICHIGAN:**

  
\_\_\_\_\_  
Director, Department of Technology, Management and Budget

May 17, 2021  
Date

## ARTICLE I PROFESSIONAL SERVICES SCOPE OF WORK

The Professional shall provide all professional services, technical staff, and support personnel necessary to achieve the Project as described in its Project/Program Statement, in the best interest of the State, and be within the Professional's fee(s) herein authorized by the State. Assigned project services shall comprise, without exception, every professional discipline and expertise necessary to meet all the requirements as described in the Project/Program Statement and be in accordance with the accepted industry standards for professional practice and services. The Professional's services include attendance at all Project related meetings and conferences. Professional services for the assigned projects under this contract shall be provided in the Phase/Task sequence shown below and shall be rendered in accordance with the Professional's proposed and approved Project Study, Design, and Proposed Construction Schedule. The Professional's study, design and proposed construction schedule shall be detailed, undated, and time sequence related for all Phase/Task services appropriate for the Project. The Professional shall field-check and verify the accuracy of all study/drawing and any data furnished by the Department, the State/Client Agency or any other Project related source. The Professional shall not employ or consult with any firms in completing the Professional's obligations herein who it anticipates will be a construction Bidder for the Project or any part thereof, unless specifically authorized, in writing, by the Department. The Professional acknowledges that the Department is the first interpreter of the Professional's performance under this Contract.

The Professional acknowledges by signing this Professional Services Contract having a clear understanding of the requested professional environmental services required by the Department to provide it, and further agrees that the terms and conditions of this Professional Services Contract provide adequate professional fee(s) for the Professional to provide the requested Project scope of work requirements for each assigned project. No increase in fee to the Professional will be allowed unless there is a material change made to the Project as described in its Project/Program Statement and the change in scope to the Project/Program Statement is accepted and approved in writing, by the Project Director and the Professional. Professional services shall not be performed, and no Project expenses shall be incurred by the Professional prior to the issuance of a written and signed Professional Services Contract and a Contract Order authorizing the Professional to start the Project work. Compensation for Department directed changes to the Project will be provided to the Professional by a Contract Modification and/or Contract Change Order signed by the Department and the Professional. The preparation of Bulletins and Contract Change Orders resulting from increases in the Project scope of work or previously unknown on-site field conditions will be compensated to the Professional, as approved by the Project Director, on an hourly billing rate basis in accordance with this article. This compensation shall not exceed seven and half percent (7.5%) of the Construction Contractor's quotation for the Bulletin or Contract Change Order or an amount mutually agreed upon by the Professional and the Project Director.

The Professional shall immediately inform the Department whenever it is indicated that the Professional's authorized not-to-exceed Budget for any of the assigned Projects may be exceeded. The Professional shall make recommendations to the Department for revisions to bring the Project Cost back to the Professional's original authorized Budget amount. Any revision to the Project must be accepted and approved by the Department in writing.

The professional services may also include participation in legislative presentations as described in the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" and as the legislature or the Department may prescribe.

No substitution of any "Key Principal Personnel/Employee" essential for the successful completion of the Project and identified in the Professional's Organizational Chart will be allowed by the Professional for this Contract without the prior written consent from the Project Director. Before any "Key Principal Personnel/Employee" substitution takes place, the Professional shall submit a written request to the Project Director, and this substitution request shall include the following information: (1) A request in writing for a No Cost Contract Modification; (2) Detailed written justification for this substitution; (3) The Professional's qualifications of any proposed "Key Principal Personnel/Employee" replacement; and (4) A written statement from the Professional assuring the Department that the Project scope of work will not be adversely affected by this substitution. This request to modify their Professional Services Contract must be accepted and approved in writing by the Project Director and the Director of the Department.

The Department will designate an individual to serve as the Project Director for the Project scope of work who shall be fully acquainted with the Project/Program Statement and have the authority to render Project decisions and furnish information promptly. Except in connection with issues under the Article XII - Contract Claims and Disputes text, the Project Director will exercise general management and administration for the Professional's services in so far as they affect the interest of the State. The Professional shall indemnify, defend, and hold harmless the State against exposure to claims arising from delays, negligence, or delinquencies by the Professional for the professional services of this Contract.

During the construction administration services of the Project, the Professional shall be required to complete and submit, the on-site Inspection record form titled "DTMB-0452, The Professional's Inspection Record" for all on-site Inspection visits to the Project site. The Professional's Inspection Record shall be completed and signed by the Professional and submitted monthly, with the original document

sent to the Project Director and copies sent to the State/Client Agency and Construction Contractor. The Professional's Inspection Record shall accompany the Professional's monthly submitted payment request.

The "DTMB-0460, Project Procedures" documents package containing Department forms for use during construction administration shall be used by the Professional in the administration of this Contract. All professional services will be consistent with the Department's current "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" unless otherwise approved in writing by the Department.

The professional services required for each Phase of this Contract shall be performed by the Prime Professional and their Consultants in accordance with service descriptions in this article. The following service descriptions outlined in this Contract represents the Department's standard of care method for describing the Professional's responsibilities for providing the professional services of this Contract, but by inclusion, or omission, do not limit or exclude any regular or normal professional services necessary to accomplish the Project and be in accordance with the approved Project Budget and the industries accepted practice and standards for professional services. However, all the services outlined in this Contract may or may not be applicable to the Project/Program Statement and will require the Professional to identify only the services that are applicable for the Project at hand. The Professional shall determine and coordinate the interface of the services required for the Project at hand and be responsible for identifying any additional services necessary to successfully complete their Project.

Soil Erosion and Sedimentation Control in the State of Michigan is regulated under the 1994 Public Act 451, as amended – The Natural Resources and Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Soil Erosion and Sedimentation Control associated with this Contract will be monitored and enforced by the Department.

The professional services may also include participation in legislative presentations as described in the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" and as the legislature or the Department may prescribe.

The following professional services, if they become necessary and essential for completing the Project, will be individually rendered by the Professional, only upon specific written authorization by the Department and the Project Director to the Professional and for the purpose and to the extent so authorized.

Should litigation occur as a result of this Project, only if through no fault of the Professional, the Professional firm shall be compensated by the Department on an actual hourly billing rate basis at the rate set forth in this Contract by a Contract Modification and/or Contract Change Order, if required to assist the Department of Attorney General, State Affairs Division in providing the professional services necessary during litigation.

**LITIGATION:** The Professional shall provide all information, presentations, depositions, testimony as "expert witness", and similar or related services, on behalf of the Department, as may be required in relation to the professional services of the study, design and construction of this Project.

**ACCOUNTING:** The Professional shall provide all specialized categorizations and distributions of the costs of study, design and construction services, construction costs, and operational costs, as may be required according to purpose specific parameters.

**PUBLIC AWARENESS:** The Professional shall provide all design and construction related services to assist in and make presentations of the professional services of the study, design, construction and operational aspects of the Projects as may be required for public meetings, hearings, and similar informational activities.

### **PHASE 100 - STUDY PHASE**

Provide a complete and comprehensive architectural and/or engineering study consistent with the Project/Program Statement, with itemized construction cost estimates.

Task 101      **COORDINATION:** Meet with the Project Team and define all areas of investigation. Establish Project Team responsibilities and lines of communications. Review the status of the study efforts with the Project Team at such frequency and times as may be required to achieve the Project objectives.

Present study documents to the State/Client Agency and the Department for their review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications.

Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 102 RESEARCH: Gather and/or develop all data to evaluate and clarify the Project. Research existing data, analyze and refine the concepts of the Project/Program Statement. Through discussions with the Project Team, by interrogation and necessary counsel, establish, in requisite detail, the information required to complete the Study. functional and operations needs of the State/Client Agency's respective program(s), as well as operational factors, maintenance and other support features. Identify all additional research, studies, and analysis necessary to express such objectives and requirements in terms of a fully operable facility or system which will acceptably serve its intended use.

Task 103 ANALYSIS: Analyze data, information, and research gathered. Create draft recommendations or results of the study and research. Upon completion of all on-site field investigation activities prepare a complete architectural and/or engineering study report. If appropriate, provide itemized construction cost estimates. The analysis will correlate, describe, and record research findings and information for the Project Team's understanding and acceptance. Transcribe and consolidate all existing data, studies, and the research analysis of Task 102 into a draft study report. Submit ten (10) copies of the draft study report to the Project Team at 50 percent and 90 percent completion review intervals and solicit review comments.

Task 110 STUDY REPORT: Incorporate the study review comments as directed by the Department into the final study report. Prepare and attend presentations to the Project Team and others for Study acceptance. The final report shall use the following outline and contain such detail as required for the Project Team's understanding and acceptance.

- A. Management Summary
- B. Problem
- C. Research Findings, Discussion, and Details
- D. Conclusion
- E. Recommendation

Provide one reproducible original and an electronic copy suitable for legible reproduction. One study report presentation shall be considered basic services for this Task. Any additional study report presentations requested by the Department will be considered extra professional services and the additional study costs will be paid to the Professional by the Department with a Contract Change Order.

### **PHASE 200 - PROGRAM**

Amplify the Project/Program Statement and, if available, final Study Report, to embody the physical, functional, and programmatic relationships required to achieve the Project objectives. The resultant program analysis, when accepted and approved by the Department, shall create the general scope of work of the Project. Such acceptance does not limit subsequent inclusion of minor, but essential, programmatic or design details whose necessity and arrangement may best become apparent during subsequent Phases of the Project's evolution.

Task 201 COORDINATION: Meet with the Project Team and establish lines of communication, authority, and responsibility. Establish a method for the Department and the State/Client Agency to formally sign off on data input, the program analysis, and appropriate elements of the resultant design.

Present proposed program analysis documents to the Project Team for review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications.

Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such

information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

- Task 202 PROGRAMMING: Identify and develop data to evaluate and clarify the proposed Project. Through discussions with the Project Team, by interrogation and necessary counsel, establish, in requisite detail, the functional and operational needs of the State/Client Agency's respective program(s), as well as operational factors, maintenance and other support features. Allocation of spaces shall be in accordance with the State of Michigan's current "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" and be consistent with the Project/Program Statement and Project Budget. Provide all additional research, studies, and program analysis necessary identify the objectives and requirements for a fully operable Project acceptably serving its intended use.
- Task 203 DEVELOPMENT: Transcribe and consolidate all data, studies and the analysis of Task 202 into a program analysis summarizing the complete program for the project, including spaces, physical features, systems, functions, capacities, relationships, and interactions required by the proposed Project. Revise the proposed program as required to achieve the Project objectives and incorporate review comments by the Project Team. Obtain approval and sign-off of space allocations from the Project Director before providing the space allocations to the State/Client Agency for approval and sign-off of the complete program.
- Task 209 PROJECT COST ESTIMATE: Provide an itemized cost estimate of the proposed Project program. Verify in writing that the Project Budget is adequate to achieve the proposed Project. Revise the program analysis documents as necessary to provide an acceptable program analysis design within the Department's authorized Project Budget.
- Task 210 PROGRAM ANALYSIS REPORT: Prepare a draft program analysis report containing the program, cost estimate, sign-offs and backup data and information. Submit ten (10) copies of the draft study report to the Project Team at 50 percent and 90 percent completion review intervals and solicit review comments. Incorporate review comments as directed by the Department into the proposed final program analysis report. Provide one reproducible original and an electronic copy suitable for legible reproduction. One program analysis report presentation shall be considered basic services for this Task. Any additional program analysis report presentations requested by the Department will be considered extra professional services and the additional study costs will be paid to the Professional by the Department with a Contract Change Order.

### **PHASE 300 - SCHEMATIC DESIGN**

Prepare progressive schematic design deliverables consistent with the Project/Program Statement, and approved program (if applicable). Diagrammatically depict the area(s) and relationship of the Project functions. Establish the design basis for and show principal building design elements and locations of the various structural, mechanical, heating, ventilating, and air conditioning (HVAC), electrical and other systems as necessary to completely achieve the Project. The Professional shall obtain Professional Consultant firms for civil/site survey, site geotechnical investigation analysis and soil testing as the Professional deems necessary to achieve a viable and economic Project design. Revise design as necessary to obtain approval from the Department and the State/Client Agency.

- Task 301 COORDINATION: Meet with the Project Team to establish a physical size and arrangement of the Project and its principal systems. Include technical, human, and physical environment requirements consistent with the Project program as well as the functional interrelationships between spaces or systems. Determine any Project requirements as necessary to accommodate art work.

Where the Project involves work in an existing building, site, and/or utility system, identify and locate by scaled graphic diagram, any building and/or site utility areas that may have potential hazardous material contamination and may require testing, abatement and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project. Identify and define, in writing, the impact of the proposed Project schematic design on the existing building or facility operations. Assist the Department in determining and resolving any Project requirements for maintaining the current operation of the existing building facility spaces or systems and site utility areas, including as a minimum, the impact of hazardous waste removal, and the associated necessary demolition and repair of the adjoining work.

Hazardous material testing and removal will be performed by the Department by separate Contract using other professional firms. See Task 512 - Hazardous Materials, for text defining the Professional's responsibility for assisting the Department with these materials.

Progressively review, with the Project Team, the development of the schematic design documents and assist in obtaining data and providing timely decisions. Present proposed schematic design documents for review to the

State/Client Agency and the Department at 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications.

Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

- Task 302 CONSTRUCTION CODE AND DESIGN REVIEWS: Identify, list, and define for the Department, in writing, the impact of all applicable construction codes, rules, regulations, environmental requirements, design reviews, and permitting procedures current as of the start of this schematic design Phase that will apply to the design of the proposed Project. Review with the Project Team the principal impacts on Project planning and incorporate these into the schematic design report and the Project cost/proposed construction schedule of Task 309.
- Task 303 CIVIL/SITE STAGING INVESTIGATION: The Professional shall retain a civil/site survey Consultant and a site geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services and prepare the site staging investigation survey instructions program(s) required to establish and execute a complete schematic site design appropriate to the Project/Program Statement. Analyze site staging investigation results and incorporate into the schematic site design. Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and accurately specify contractual requirements. This includes, but is not limited to, access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar work. Provide the Department with copies of all site investigation geotechnical test reports. Review conclusions and, upon request, explain their influence on the Project schematic design. Define the impact of the Project on adjacent buildings.
- Task 304 STRUCTURAL: Research, survey, define, and render all existing structural systems appropriate to the proposed Project. Show facility layout, applicable area floor loadings and basic elevations. Outline any existing principal structural system members and render and show the proposed structural system schematic design for renovations and additions.
- Task 305 MECHANICAL/HVAC/PLUMBING/UTILITIES: Research survey, define and render the schematic design basis for all proposed mechanical, plumbing systems, and utility systems appropriate to the Project. This includes but is not limited to all plumbing, HVAC, and other mechanical systems, equipment and their respective loads. Define and render the schematic design capacities, sources, flows, and functions of all existing and/or proposed utility systems, including but not limited to steam, water, fuel, storm and sanitary sewers, and fire protection. Field-check and verify accessibility and space for all equipment on the proposed schematic design drawings. Confirm, in writing, to the Department, the availability of utility capacities at current or proposed connections. Contact applicable utilities for information on connections, connection permit requirements, fees, and schedules.
- Task 306 ELECTRICAL: Research, survey, define and render the schematic design basis for all proposed electrical systems appropriate to the Project. This may include, but is not limited to utility service systems, primary and secondary distribution systems, building control systems, security systems, elevators, fire alarms, television, data, communications and similar systems. Define sources, equipment capacities, and loads, including those for open office workstation/partitioning systems. Field-check and verify accessibility and space for all equipment on the proposed schematic design drawings. Confirm, in writing, to the Department, the availability of utility capacities at current or proposed connections. Contact applicable utilities for information on connections, connection permit requirements, required easements, transformers, fees, and schedules.
- Task 307 ARCHITECTURAL/ENGINEERING: Research, survey, define, and render the existing and proposed schematic design architectural and/or engineering building area layout appropriate to the Project/Program Statement. Show proposed applicable area/room space, finish treatment, uses, interrelationships, and principal building sections, elevations, and dimensions. Show principal building fire protection spaces and features. Consider sustainability in material, equipment, systems, and general design selections.
- Task 308 DRAFTING: Prepare and render proposed schematic design documents appropriate to the Project, on sheet size approved by the Project Director. Include all principal building/site utility systems. Coordinate the Project schematic



design with all architectural and/or engineering design disciplines for completeness, accuracy and consistency, and conflict avoidance. The Professional shall field-check and verify the accuracy of all existing and proposed architectural and/or engineering drawings and any data furnished by the Department, the State/Client Agency or any other Project related source.

Task 309 PROJECT COST/PROPOSED CONSTRUCTION SCHEDULE: Evaluate the proposed schematic design against the estimated Project cost and design/construction schedule. Revise schematic design as required to produce a design within the Department's approved Budget. Prepare and submit a Project Budget based on the approved schematic design. Apply critical target dates to the Professional's Project Study, Design and Proposed Construction Schedule and submit to the Department for their review and approval.

Task 310 SCHEMATIC DESIGN REVIEW: Prepare, reproduce, submit, and make presentations and revisions of the schematic design planning documents. Present proposed documents for the Project Team review at the 50 percent and 90 percent completion intervals and solicit review comments. Revise proposed schematic design documents, as necessary, to incorporate all requested design review comments. Obtain Department approval and sign-off prior to State/Client Agency sign-off, when requested by Project Director. Where legislative review is required, provide an additional twelve (12) copies of the Department approved proposed schematic design documents to the Department for distribution to the Joint Capital Outlay Subcommittee, in the format of the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies". Provide one (1) schematic design presentation to the Project Team for this Task. Any additional schematic design presentations requested by the Department will be considered extra professional services and the additional schematic design costs will be paid to the Professional by the Department with a Contract Change Order. If Contract Services conclude with this Phase, provide mylar architectural and/or engineering drawings of the final approved schematic design, suitable for legible reproduction.

### **PHASE 400 - PRELIMINARY DESIGN**

Prepare progressive preliminary design documents to develop the Project based on the Project/Program Statement, and the approved schematic design and program, if applicable. Refine the schematic design documents as necessary to produce an acceptable preliminary design. The preliminary design and outline draft specification shall be complete and detailed enough to define the size, function, arrangements, spaces, location and operations of equipment, and materials comprising the principal design details of structures and systems. The proposed preliminary design documents and outline draft specifications shall clearly depict the Professional's proposed design intent of the Project's systems, materials, equipment, utilities, site improvements, and other elements through single-line diagrams, system layout drawings and developed plans and design details. The preliminary design thus achieved must constitute the complete basis for further detail into final design drawings.

Prepare in bar chart format, the proposed Project construction schedule. Prepare a complete estimated Project cost statement based on prevailing or predictable factors for the proposed construction bidding period. The Department's written acceptance of the estimated project cost statement will establish the authorized Budget for the Project. The Professional shall apply the means and methods necessary to achieve the proposed preliminary design within the authorized Budget for the Project.

Task 401 COORDINATION: Meet with the Project Team to review the Project/Program Statement, approved schematic design documents (if applicable), and refine the Project. Assist the Project Team to progressively review the proposed preliminary design, develop input and provide timely decisions.

Where the Project involves work in an existing building, site, and/or utility system, identify and locate by scaled graphic diagram, any building and/or site utility areas that may have potential hazardous material contamination and may require testing, abatement and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project. Identify and define, in writing, the impact of the proposed Project schematic design on the existing building or facility operations. Assist the Department in determining and resolving any Project requirements for maintaining the current operation of the existing building facility spaces or systems and site utility areas, including as a minimum, the impact of hazardous waste removal, and the associated necessary demolition and repair of the adjoining work.

Hazardous material testing and removal will be performed by the Department by separate Contract using other professional firms. See Task 512 - Hazardous Materials, for text defining the Professional's responsibility for assisting the Department with these materials.

Progressively review, with the Project Team, the development of the preliminary design documents and assist in obtaining data and providing timely decisions. Incorporate design refinements consistent with the proposed Project scope. Establish equipment and/or materials to be furnished by the State. Present proposed preliminary design



documents for review to the State/Client Agency and the Department at 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

- Task 402 SPECIFICATIONS: Prepare proposed preliminary design outline draft specifications for Divisions 00 through 49, in the 2004 MasterFormat Outline by the Construction Specifications Institute (C.S.I.), as appropriate for the defined Project. Outline specifications will address sustainable design in materials selection.
- Task 403 CIVIL/SITE STAGING DESIGN/INVESTIGATION: If the Professional did not obtain a site specific geotechnical testing program for this Project and advise the Department during the Schematic Design Phase, they shall retain a civil/site survey Consultant and a geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services to prepare and provide a preliminary geotechnical site investigation and site staging design as directly related to the Project. Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and to accurately specify the proposed construction contractual requirements. This includes, but is not limited to access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar work. Determine and prepare a list of required civil/site drawings as related to the Project. Illustrate and coordinate any off-site work necessary for a completely functioning Project. Revise as required.
- Task 404 STRUCTURAL: Prepare structural calculations appropriate to the proposed Project and size major components. Prepare preliminary structural plans, sections, elevations, and details drawings, as applicable for the defined scope of work. Determine and prepare a list of required preliminary structural drawings as related to the proposed Project. Revise as required.
- Task 405 MECHANICAL/HVAC/PLUMBING/UTILITIES: Identify existing mechanical/heating, ventilating, and air conditioning equipment, plumbing systems, and utility systems. Calculate heat loss, heat gain, and other demands for all spaces. Determine ventilation requirements. Calculate total loads, identify and size new equipment. Identify and/or calculate total utility loads. Include the needs of any existing building or system that is a part of, or interfaces with the Project, as well as those of the Project. Provide basic engineering design appropriate for all principal building components, utility systems and building systems, and all pre-engineered equipment suitable and appropriate for the proposed Project. Field-check and verify clearances for all proposed equipment and systems proposed. Prepare preliminary HVAC, plumbing, and utility drawings. Determine and prepare a list of required preliminary design drawings as related to the proposed Project. Review current, mechanical, plumbing and utility system codes and incorporate applicable requirements. Revise as required. Secure in writing, the approval of capacities and connections for the Project from the appropriate utilities/suppliers.
- Task 406 ELECTRICAL: Identify existing equipment and systems. Prepare load calculations, including electric loads for fixed, and movable, equipment, as appropriate to the defined Project. Determine electric service requirements and size major transformer and service equipment. Provide single line diagrams of primary service and distribution systems. Develop and outline basic equipment and distribution systems for lighting, power, building control, elevators, fire, security, television, data, communications and other specialized systems of the Project. Coordinate design to incorporate design requirements for any open office workstation/partitioning systems. Field-check and verify clearances for all proposed equipment and design systems proposed. Prepare preliminary electrical drawings. Determine and prepare a list of required preliminary design electrical drawings as related to the proposed Project. Review current electrical codes and incorporate all applicable requirements. Revise as required. Secure in writing, the approval of capacities and connections for the Project from the appropriate utility/suppliers.
- Task 407 ARCHITECTURAL/ENGINEERING: Prepare preliminary architectural and/or engineering drawings, appropriate to the proposed Project, to detail and define the Project. Coordinate design to incorporate design requirements for any open office workstation/partitioning systems. Determine and prepare a list of required preliminary design architectural and/or engineering drawings. Drawings will include plans, elevations, sections, and critical construction details in order that an accurate and detailed construction estimate can be provided. Depict sustainable and energy efficient design features

of the Project and provide summary calculations to demonstrate applicable compliance with the State of Michigan's current Energy Code requirements. Revise as required.

Task 408 DRAFTING: Prepare and render the preliminary design architectural and/or engineering documents on sheet size approved by Project Director. Coordinate the preliminary design with related architectural and/or engineering design disciplines for completeness, accuracy and consistency and conflict avoidance. Prepare drawings using applicable State of Michigan standards as defined in the Department's "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" for all Project design disciplines. The Professional shall field-check and verify the accuracy of all existing and proposed drawings and any data furnished by the Department, the State/Client Agency or any other Project related source.

Task 409 COST ESTIMATE AND CONSTRUCTION SCHEDULE: Prepare an itemized Project construction cost estimate based on prevailing or reasonably predictable factors for the proposed bidding period. Recommend construction strategies, methods and phasing. Identify long-lead items and any State of Michigan-furnished materials, equipment, systems and furnishings, with procurement deadlines consistent with the proposed schedule and phasing. Prepare in bar chart format a detailed schedule of the design and proposed bidding and construction schedule, incorporating the information listed above.

Task 410 PRELIMINARY DESIGN REVIEW: Prepare, reproduce, submit, and make presentations and revisions of the schematic design planning documents. Present proposed documents for the Project Team review at the 50 percent and 90 percent completion intervals and solicit review comments. Revise proposed preliminary design documents, as necessary, to incorporate all requested design review comments. With the 50 percent review, provide design criteria and calculations of principal architectural, mechanical, plumbing and electrical engineering systems demonstrating basic compliance with the State of Michigan's current Energy Code requirements

For each review, present proposed preliminary design documents first to the State/Client Agency for programmatic design conformance review, then present to the Department for review, determination of required revisions, and acceptance. Revise proposed preliminary design documents, as necessary, to incorporate all requested design review comments required for the Department's written acceptance of the proposed Project preliminary design.

Where legislative review is required, provide an additional twelve (12) copies of the approved proposed preliminary design documents to the Department for distribution to the Joint Capital Outlay Subcommittee, in the format of the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies". Provide one (1) schematic design presentation to the Project Team for this Task. Any additional schematic design presentations requested by the Department will be considered extra professional services and the additional schematic design costs will be paid to the Professional by the Department with a Contract Change Order. If Contract Services conclude with this Phase, provide mylar architectural and/or engineering drawings of the final approved schematic design, suitable for legible reproduction.

### **PHASE 500 - FINAL DESIGN**

Prepare for progressive, periodic review, Final Design Documents which shall revise, refine, amplify and depict, in detail, the Project as described and required by the Project/Program Statement and any approved preliminary design. Final Design Documents shall be prepared in Phases/Bid packages appropriate to the Project, schedule, and funding.

The proposed Final Design Documents shall document a complete and constructible Project. Final Design Documents shall incorporate and comply with all current, applicable regulations, ordinances, construction codes and statutes, and must have accomplished all reviews by appropriate federal, State or any local authorities having jurisdiction before presentation to the Department for acceptance and advertisement for bidding. Where design approvals are required, the Professional shall acquire and provide them. The Final Design Documents shall be without ambiguity and must be so complete that no significant design decision is left to the discretion of any Bidder, manufacturer, or supplier.

The Final Design Documents will not define, quantify, or in any other way represent any work as being assignable to, or to be performed by, any Consultant or sub-consultant, except for fire suppression systems.

Bidding Documents shall consist of, but are not limited to, the Final Design Documents, including final architectural and/or engineering drawings and specifications, special, general and supplemental conditions of the Construction Contract, and modifications, if any, to standard documents provided by the Department. Such standard documents may consist of, but are not limited to, the project advertisement, the Instructions to Bidders, the proposal forms, general, supplemental, and any special conditions of the Construction Contract, and the standard form of agreement between the Department and the Construction Contractor. The Professional may not substitute any other special, general and supplemental conditions for the Construction Contract or other standard documents provided

by the Department. The Professional may not revise, other than the fillable portions of the general conditions, or use any additional general condition requirements unless the revisions or requirements are accepted and approved by the Department in writing.

In addition to the requirements herein, the professional services for this Project shall include, but are not limited to, those set forth in "MICHSPEC 2001 Edition of The Owner and Contractor Standard Construction Contract and General Conditions for Construction (Long Form)" or the current DTMB DCSPEC – Bidding and Contract Document for Minor Projects as adopted and modified by the State of Michigan and incorporated into the Construction Contract, plus such other Department standard documents and general conditions as may be part of the Construction Contract.

The Contract Documents shall consist of the Bidding Documents and all Addenda and attachments necessary to provide a complete Construction Contract for the Project.

Task 501      COORDINATION: Review approved preliminary design drawings with the Project Team and solicit revisions. Incorporate any revisions and design refinements. Present proposed final design documents to the State/Client Agency and the Department for their review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 502      SPECIFICATIONS: Prepare final design specifications in the format defined below and with Phasing as appropriate for the Project. Include a schedule of all required submittals, a construction material testing schedule, and all other necessary schedules. Specifications shall be coordinated with the final design architectural and/or engineering drawings and shall be prepared in the 2004 MasterFormat Outline by the Construction Specifications Institute (C.S.I.). The final design architectural and/or engineering specifications shall clearly define the Project design and construction requirements indicating the type and quality of materials, products, and workmanship.

Sustainable Design shall be used wherever possible by the Professional in their Project design. The United States Green Building Council's (USGBC) LEED Scorecard will be used as an index of the materials and design strategies used in the Project but the USGBC certificate will not be required. Sustainable Design is defined in this Contract as the Professional's use of Project design resources with no negative impact to the natural ecosystems, an emphasis on overall energy efficiency, recycling, reduction of waste, and achieving a net enhancement of the Project.

Performance specifications shall be used when feasible. If not, the Professional shall name at least three (3) acceptable materials, products or systems and the specifications shall contain an "or equal" clause. Whenever possible, recycled materials and/or Michigan-manufactured products shall be named and given first preference. Proprietary specifications or allowances may be permitted with the Department's acceptance and written approval, but only for special, unavoidable conditions. Provide Project specifications to the Department for procurement of items to be pre-purchased through existing State contracts or separate bids. A list of building construction materials and productions manufactured in Michigan may be obtained at <http://www.michigan.gov/buymichiganfirst/0,1607,7-225-48676-209976-.00.html>.

Task 503      CIVIL/SITE STAGING DESIGN: If the Professional did not obtain a site specific geotechnical testing program for this Project and advise the Department during the Schematic Design Phase, they shall retain a civil/site survey Consultant and a geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services to prepare and provide a preliminary geotechnical site investigation and site staging design as directly related to the Project. Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and to accurately specify the proposed construction contractual requirements. This includes, but is not limited to access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar

work. Determine and prepare a list of required civil/site drawings as related to the Project. Illustrate and coordinate any off-site work necessary for a completely functioning Project. Revise as required.

Soil Erosion and Sedimentation Control shall be implemented in accordance with the current edition of the Department's compliance manual and 1994 PA 451, as amended – The Natural Resources Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Submit final civil/site design drawings depicting Soil Erosion and Sedimentation Control measures to the Department's Soil Erosion and Sedimentation Control Program for review in accordance with 1994 PA 451, as amended.

- Task 504      STRUCTURAL: Prepare and render complete structural final design documents.
- Task 505      MECHANICAL/HVAC/PLUMBING/UTILITIES: Prepare and render complete mechanical, plumbing, and utility system final design documents.
- Task 506      ELECTRICAL: Prepare and render complete electrical system final design documents.
- Task 507      ARCHITECTURAL/ENGINEERING: Prepare and render complete architectural and/or engineering final design documents. Assist the Department in the determination of and specification of furnishings, colors, and finish selections if required in the defined Project.
- Task 508      DRAFTING: Prepare complete final design architectural and/or engineering drawings for Bidding Documents on sheet size approved by Project Director using applicable State of Michigan standards as defined in the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies." The Professional shall field-check and verify the accuracy of all existing and proposed drawings and any data furnished by the Department, the State/Client Agency or any other Project related source.

The Project Bidding Documents derived from the Final Design drawings shall be made available and converted if necessary, to the AutoCAD computer drafting system. Bidding Documents shall be provided to the Department for advertisement by the Department. One compact disc (CD) and one print copy for records retention, beyond review and approval sets, of the Bidding Documents will also be provided. The Project Contract Documents derived from the Project Bidding Documents shall be made available and converted if necessary, to the AutoCAD computer drafting system. One compact disc (CD) and three signed and sealed print copies (for records retention, Project Director, and provision to the Construction Contractor) beyond review and approval sets, of the Contract Documents will also be provided. The signed and sealed print sets are the controlling Contract Documents for this Project.

The software name and release number used to produce the Design Contract drawings will be clearly identified on the compact disk (CD).

- Task 509      CHECKING CONTRACT DOCUMENTS: Check and coordinate all proposed Bidding and Contract Documents for completeness and accuracy. Prepare Bidding and Contract Documents that will protect the Department from unexpected construction cost increases, schedule delays or claims for reason of defective or incomplete rendering of the Professional's design, or for any delinquency by the Professional for performance of the professional design services under this Contract. Check the adequacy of all spaces and clearances. Cross-check and coordinate the requirements of all proposed final design drawings between the architectural and/or engineering design disciplines for completeness, accuracy, and consistency, and conflict avoidance.

Similarly, cross-check and coordinate all proposed final design drawings against the Project specifications. Mark each drawing with the name of the checker and with the written signature approval of the appropriate Professional "Key Principal Personnel/Employee."

- Task 510      CONSTRUCTION CODES AND PERMITS: The Professional's Contract Documents shall comply with the State of Michigan Construction Code, 1972 PA 230, as amended, the State of Michigan Energy Code, the Americans with Disabilities Act (ADA) Accessibility Guide requirements, the State of Michigan Barrier-Free Access Code requirements, and all Project related construction code requirements in effect at the time of award of this Contract. Assist the Department in obtaining approval of the Project and its design by appropriate governmental regulating and/or code enforcement authorities.

Project Bidding Documents may not be advertised until plan review approval is obtained. Except as otherwise provided for in this Contract, code compliance and plan review approval(s) shall be performed by the Department of State Police,

Fire Marshal Division, the Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, Plan Review Division. Code compliance and plan review approval fees shall be paid by the Professional as a reimbursable expense, unless otherwise provided for.

Submit all modeling, testing, design data, and appropriate drawings and applications for all permits, tests, and approvals, which the Department is required to secure as a prerequisite authorization for the Project's approval. Submit Soil Erosion and Sedimentation Control plans/drawings to the Department's Soil Erosion and Sedimentation Control Program as the enforcing authority for this Project, no later than at the 90 percent final design stage.

Provide energy efficient design features and summary calculations to demonstrate Project compliance with the State of Michigan Energy Code requirements. Submit documents for review in a timely manner allowing appropriate time for review/permitting processes by respective authorities, such that the Project schedule is not unnecessarily delayed. Assist the State/Client Agency to secure any appropriate construction code waivers.

Incorporate all required modifications into the Bidding Documents. Follow through to ensure issuance of the construction codes and permits approvals. Secure all required design approvals before submitting the final design documents to the Project Team for the final design document review of Task 515. Any approval secured in initial plan review and permitting does not relieve the Professional from complying with code official's construction field inspections enforcement requirements.

Task 511 CONSTRUCTION TESTING PROGRAM: Coordinate Project on-site survey and appropriate research to identify site specific abnormal construction conditions. Coordinate site specific geotechnical testing program of areas, consistent with the design and siting requirements. Identify and confirm the site underground conditions sufficiently to accurately specify the construction contractual requirements. Establish the required construction quality control and materials testing program.

Define and specify the types of Project construction tests required, the approximate quantities to be tested and the projected cost thereof. Prepare quality control and material testing services program Bidding Documents for the construction quality control and material testing services. The Department will retain an independent professional quality control and material testing services firm for the construction testing at the 50 percent completion review stage. Testing services shall be estimated and identified as an authorized reimbursable expense item in this Contract.

Task 512 HAZARDOUS MATERIALS: Where the Project involves work in an existing building and/or utility system, assist the Department to determine the scope of potential hazardous materials contamination that may require testing, abatement and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project. Hazardous materials testing and removal for this Project will be performed by the Department by separate Contract. Coordinate the professional design services of this Contract with any hazardous material removal services required to implement this Project.

Include for the Department's use, architectural and/or engineering drawings and specifications for all restoration work necessary following completion of the removal/abatement Project. Revise the final design drawings, specifications and schedule, if necessary, to reflect the impact of the hazardous material removal/abatement on the existing State/Client Agency facility operations.

Task 513 DESIGN AND CONSTRUCTION BUDGET: The Professional shall be responsible for all costs incurred by it, necessitated by for rebidding a Project if it is over Budget due to their design. Submit in writing the itemized estimate of the construction costs with each final design review. Include all construction Bid packaging and Phasing. Determine the amount and adequacy of any construction contingency.

Upon submittal of the 90 percent complete final design documents, confirm an accurate itemized construction cost estimate in writing to the Department. Confirm that the total Project construction cost is predicted to be within the Project Budget.

Notify the Department in writing if it becomes evident during the final design phase that the Project cannot be constructed within the Professional's estimated construction Budget. Unless the Department determines the problem to be outside the control or responsibility of the Professional, the Professional shall revise their final design drawings and specifications to produce a complete design for the Project within the Professional's original estimated construction Budget cost and will otherwise be responsible for any costs incurred by the Department in rebidding the Project.

Assist the Department to rebid the Project in accordance with the Task 516 construction bidding/contracting procedures.

Task 514 CONSTRUCTION SCHEDULE: Determine the appropriate proposed construction schedule to be part of the Construction Contract. Give consideration to all principal influencing factors, including, but not limited to, current and projected material delivery times, local labor contract periods, and other historical principal causes of delays.

Task 515 FINAL DESIGN BIDDING DOCUMENTS REVIEW: Provide complete final design documents review. When the final design is 50 percent complete, submit the final design documents to the Project team for their review. If the final design appears to exceed the Project Budget, review with the Department all cost reduction design options. Incorporate at 90 percent completion, all required design modifications applicable to the Project, and resubmit to the Project Director. Confirm in writing that the requirements of Tasks 509 and 510 have been met.

Submit 100 percent complete sets of Bidding Documents to the Project Team for their final review. Submit final design documents first to the State/Client Agency for their final design review of the programmatic design conformance. Submit Bidding Documents to the Department for their review and revise as necessary to incorporate all review comments required for Department written acceptance of the Bidding Documents.

Task 516 CONSTRUCTION BIDDING AND CONTRACTING: Assist the Department in the construction bidding and contracting process. The State of Michigan will advertise for bids on-line and award and hold the Construction Contract. Prepare and distribute Bidding Documents and instructions as required to accommodate predetermined construction Bid packages and/or Phases. Maintain a construction Bidders' list. Conduct pre-bid meetings and issue pre-bid meeting minutes and bidder's lists. Issue Addenda to all construction Bidders as required. Include in each Addendum complete specifications for the Project, if such specifications are not part of the Bidding Documents.

The Professional will be compensated by the Department with a Contract Change Order for providing the professional services necessary to rebid the Project for reason of defaulted or disqualified construction Bidder(s) or unacceptable price range as required by the design and construction Budget text of Task 513. The Professional's construction bidding and contracting procedure services for Task 516 are not complete until: (1) The lowest responsive, responsible qualified construction Bidder's Bid has been selected and accepted by the Department; and (2) The lowest responsive, responsible qualified construction Bidder's Construction Contract has been executed.

Construction Bid Evaluation and Recommendation of Construction Contract Awards: Review and evaluate the submitted construction Bids. Provide the Department with a written recommendation for the apparent lowest responsive, responsible qualified construction Bidder for the Project Construction Contract award(s) within five (5) business days of the date of the Department's construction Bid opening. Exempt from recommendation any firm that in the Professional's opinion is unqualified for the Project (documentation required) or that the Professional has a business association with on this Project, and any firm, that the Professional has used in preparation of the Contract Documents or for any estimating work related to the Project.

The Professional shall conduct pre-contract meetings with responsive, responsible qualified construction Bidder(s) to review the following items: (1) Understanding of the design intent of the Contract Documents; and (2) To advise and assist the Construction Contractor(s) in understanding the requirements of the Department's standard form of Construction Contract Documents, Project scope of work, and its Construction Contract award procedures.

Unless otherwise designated in the Department's Notice of Intent to Award letter to the recommended Construction Contractor, within fifteen (15) calendar days from the date that the Notice of Intent to Award letter was mailed to the Construction Contractor, the Construction Contractor recommended for the award of the Construction Contract shall (a) Fill out and execute the Department's, MICHSPEC 2001 Edition of the Owner and Contractor Standard Construction Contract and General Conditions for Construction (Long Form)" standard form documents Section 00500, Contract Agreement and the Section 00800, Supplementary Conditions, in triplicate; (b) Execute Section 00610, Performance Bond, and the Section 00620, Payment Bond (and attach to each bond a separate, certified copy of Power of Attorney); and (c) Return to the Department, the Construction Contractor's executed Section 00500, Contract Agreement, Section 00610, Performance Bond, and Section 00620, Payment Bond forms, evidence of Certificates of Insurance and any other legal documents required for submittal by the Department's, Notice of Intent to Award letter.

Task 517 FINAL DESIGN CORRECTION PROCEDURES: Correct at no additional cost to the Department any design errors or omissions and/or other Project related deficiencies identified during the 600 and 700 Construction Phase. All reproduction costs for design interpretations, clarifications, and Bulletins related to the Professional's final design errors or omissions and similar or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rates. Provide design clarifications and interpretations of the Contract Documents requirements necessary to: (1) Adequately describe the Project work; (2) Adapt architectural and/or engineering final design documents during

construction to accommodate field conditions identified during construction; (3) Refine design details that are not feasible and identified during construction; and (4) Comply with current construction/building codes, and all other Project related design and construction matters as may be necessary to produce a complete Project.

Design Interpretations and Clarifications: For elements of construction having no change in cost to the State the Professional will: (1) Provide instructions, and/or design interpretations and clarifications for design details within five (5) business days of the Construction Contractor's request, record same, in writing; and (2) Revise the Professional's original final design architectural and/or engineering drawings and specifications as appropriate to the Project. Marking and initialing of drawings is not an acceptable form of written instruction.

Bulletin Authorization: Request authorization from the Project Director to issue each individual Bulletin. The Professional's Bulletin Authorization request will: (1) Identify the problem requiring the change; (2) Describe clearly if such problem arises from the architectural and/or engineering final design errors or omissions; (3) Identify the anticipated design cost and the estimated construction cost to implement the change(s); and (4) Describe clearly in the Professional's opinion which part, if any, of the design and/or construction costs are the obligation of the State, the Professional or the Construction Contractor. Include a Contract Modification request for any work outside the Project. Identify any anticipated Project design or construction schedule implications.

Bulletins: All reproduction costs for design interpretations and clarifications and Bulletins related to the Professional's architectural and/or engineering final design errors or omissions and similar or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rates. Describe, by Bulletin, design revisions necessary to correct the architectural and/or engineering final design errors or omissions, to address previously unidentified on-site field design conditions, to reduce costs and for all other matters approved by the Department involving costs or credit to the State. Postponement of action on items to accumulate multi-item Bulletins is not permitted.

Prepare and issue Bulletins within ten (10) business days of receipt of the Department's authorization. Bulletins shall be in such form and detail as the Department may prescribe. The Professional shall incorporate all accepted Bulletin revisions or design interpretations into the appropriate originals of all applicable Contract Documents. Such revised drawings and specifications shall be issued as part of Bulletins.

Each Bulletin shall prescribe a time schedule for the Construction Contractor's response. Provide up to five (5) copies of each Bulletin to the Department and distribute as the Department may direct. Provide the Construction Contractor with the following number of Bulletin copies: (1) For construction costs less than one (1) million dollars, provide two (2) copies; and (2) All others, provide five (5) copies.

Evaluate the Construction Contractor's price quotation(s) and review and attempt to negotiate with the Construction Contractor to provide the Department with costs that are consistent with the value of the Project Bulletin(s). Recommend appropriate action to the Department regarding the Construction Contractor's quotations within five (5) business days of receipt thereof.

### **PHASE 600 - CONSTRUCTION ADMINISTRATION - OFFICE SERVICES**

During the construction Phase of this Project, the "DTMB-0460, Project Procedures" documents package shall be used by the Professional in the administration of this Contract.

The Professional shall use the "DTMB-0452, The Professional's Inspection Record" for all on-site Inspection visits to the Project site. The form shall be completed and signed by the Professional and compiled monthly with the original form document sent to the Department's, Project Director and a copy sent to the Construction Contractor. The on-site Inspection record standard document form shall be completed and accompany the Professional's monthly payment request.

The Professional shall provide all required construction administration services and timely professional and administrative initiatives as the circumstances of the Project construction may require allowing the design intent requirements of the Professional's Contract Documents to be successfully implemented into a completed Project through the Construction Contractor's completion of the Construction Contract work.

In observed cases which may involve danger to human life, immediate safety hazards to personnel, existing or impending damage to the Project, to State/Client Agency property or to other property; as may be impacted by the Project, the Professional shall inform the Construction Contractor(s) of the situation and their observations. The Professional shall immediately record and report such situations to the Department and certify any accrued Project costs in writing.



The Professional shall have access to the Construction Contractor(s) work at all times.

Establish and maintain effective construction administration office procedures, systems and records to progressively, and exclusively, manage and control the Professional's obligations, commitments, achievements and expenditures under this construction Phase administration.

Monitor the quality and progress of the Project construction Phase work. Maintain all necessary Project records, provide on-site visitation reports, and provide all administrative office action as may be necessary to inform the Construction Contractor(s), in writing, with respect to their compliance with the design intent of the Contract Documents.

Advise and assist the Department in taking all practical steps necessary to address and complete the Project in the event of performance delays or defaults by the Construction Contractor(s).

Task 601           COORDINATION: Coordinate the Professional's staff, Consultants, and all other Project related resources.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 602           SHOP DRAWINGS, SUBMITTALS, and APPROVALS: Monitor, evaluate, and provide administrative action as necessary to achieve timely processing of shop drawings and such other submittals and approvals that are the responsibility of the Professional. Maintain a record of all required, received, rejected, and approved submittals of shop drawings, color/material samples, finishes, and other items requiring the Professional's approval. Notify the Construction Contractor(s), in writing, (copy to the Department) of delinquent submittals, the consequences of such delays, and prescribe a time schedule for their submittal/resubmittal, which will not jeopardize the Construction Contract completion date.

No design revisions will be made as part of the Professional's review and approval of shop drawings, or other submittals. In addition to all other functions, the Professional's approval of shop drawings shall verify the submittals furnished by the Construction Contractor(s) conforms to the design intent of the Professional's Contract Documents/architectural and/or engineering drawings and specifications requirements. Provide written approval or rejection of shop drawings within ten (10) business days of receipt in the Professional's office. Provide and distribute up to five (5) copies of approved submittals as directed by the Department.

Task 603           PAYMENT PROCEDURES: Monitor, evaluate, and provide timely administrative action, as necessary, to certify or reject, as appropriate, and process the Construction Contractor's schedule of costs and monthly submitted payment requests.

Payment by the State of Michigan to the Construction Contractor shall be based on the Construction Contractor's approved completion of Contract work performed prior to the date of each monthly submitted payment request. Payment to the Construction Contractor for each monthly submitted payment request invoice shall be made to the Construction Contractor within thirty (30) consecutive calendar days following the Department's receipt and approval of an approved payment request invoice from the Professional. Certification or rejection of all submitted payment requests will be made by the Professional, in writing, within ten (10) business days of receipt in the Professional's office. The Professional shall certify to the Department, in writing, the dollar amount the Professional determines to be due to the Construction Contractor for their monthly submitted payment request or the Professional shall return the payment request to the Construction Contractor indicating the specific reasons in writing for rejecting the Construction Contractor's monthly submitted payment request certification.

Issue an appropriate certificate for payment only pursuant to a correctly prepared and accurate payment request and only for acceptable Project work. Payment certification shall constitute a written representation by the Professional, to the Department, that based on their Construction Administration on-site field Inspections, and the Professional's evaluations of field reports, test results, and other appropriate and available factors, the quantity and quality of Project work for which the payment request is certified has been accomplished by the Construction Contractor in accordance with the design intent of the - Contract Documents and that the payment request is consistent with the quantity and quality of acceptable Project work in place, and that the acceptable materials are properly stored on-site and/or off-site.

No payment request certificate shall be submitted that requests payment for disputed Project work or any Project work showing deficient test results. No payment request certificate may be submitted after the Construction Contract completion date which does not provide for withholding of assessable and/or projected liquidated damages. Pursuant to the Department's notification, the Professional's certification shall reduce from the amount earned, two (2) times the amount of any current prevailing wage rate payment deficiency, as certified by the Department of Licensing and Regulatory Affairs, Wage and Hour Division against the Construction Contractor or any subcontractor or supplier thereof. Payment request rejections shall be accompanied with a written explanation and a copy shall be submitted to the Project Director and Department Field Representative.

#### Task 604

**CONSTRUCTION SCHEDULE PROGRESS:** Monitor, evaluate, and provide timely administrative action, as necessary, to determine whether the Construction Contractor's construction work schedule and progress appear to be adequate to achieve the Project on time and on schedule. Notify the Department, in writing, within three (3) business days of receipt of the Construction Contractor's proposed Project construction schedule, or amendments thereto, if in the Professional's opinion such construction schedule will produce the Project within the allotted Construction Contract completion time. Notify the Construction Contractor and the Department, in writing, if in the Professional's opinion such schedule should be accepted or rejected. Revise the construction schedule of Task 514 to show that the proposed on-site visitations of Tasks 703-706 are consistent with the actual events of the Project construction schedule.

Give prompt, written notification to the Construction Contractor(s) and to the Department of inadequate construction schedule progress. Unless the Department determines that the needs of the Project require other action the Professional shall proceed as follows: (1) Investigate at the time of occurrence, any areas of inadequate progress whose consequence may be a delay in, or increased cost for, a work item; (2) Notify the Construction Contractor(s) and the Department of the Professional's opinion of the problem and responsibility for the delay and costs. Advise whether the delay in any work may result in delays in the Construction Contract completion date; and (3) Advise the Construction Contractor(s) and the Department, in writing, of recommended action(s) by respective parties necessary to facilitate actions by the Construction Contractor to complete the Project construction on schedule.

**Bulletin Costs:** During the 600 and 700 Construction Phase, review and evaluate the Construction Contractor's quotations for Bulletin work. Negotiate as appropriate to assure the Department's costs commensurate with the actual value of the Project work. Provide the Department with written recommendation(s) within five (5) business days of receipt of the quotation.

Evaluate any documentable impact on the Project construction schedule claimed by the Construction Contractor(s) arising from Bulletin work.

Provide appropriate and timely action under terms allowable under the Construction Contract, to implement any Bulletin work which the Professional and the Department consider critical to the Project construction schedule, but whose cost is disputed.

Within ten (10) business days of its receipt, evaluate and provide the Department with appropriate written recommendations, along with an analysis of any request by the Construction Contractor(s) for a time extension of their Construction Contract completion date.

No recommendation for a Construction Contract time extension may be submitted to the Department which is not substantiated by the Professional's technical review and evaluation of the Project construction schedule showing critical path work, noncritical path work, and float time for the complete Project and any work at issue and having such detail as to clearly document the Construction Contractor's claim. Any recommendation for a time extension of the Construction Contractor's Contract completion date must include a complete analysis of all direct and indirect costs of the Construction Contractor, the Professional, and the Department regarding the time extension. Where the Project is not substantially complete on the Construction Contract completion date, notify the Construction Contractor and the Department, in writing, of the expiration of the Construction Contract completion date and of the assessment and/or withholding of liquidated damages.

#### Task 605

**CONSTRUCTION TESTING PROGRAM:** Monitor, evaluate, and provide timely administrative action as may be required in response to the results of the construction quality control and material testing program. In circumstances where the testing is not provided by the Department, evaluate and approve, or disapprove the Construction Contractor(s) work plan for providing all construction test reports. Provide the Construction Contractor(s) and the Department with written evaluation of all construction test reports, copies of construction test reports, marked with the Professional's approval or disapproval within five (5) business days of receipt of the report. Within five (5) business

days of the receipt of any construction test reports not meeting the Construction Contract requirements direct the Construction Contractor(s), in writing, to take appropriate, corrective, or replacement measures within a prescribed time. Follow up, as appropriate, to require the Construction Contractor(s) to achieve the design intent of the Professional's Contract Documents and avoid delays to any element of work which may, in the Professional's opinion, result in a delay in the Construction Contract completion date. Notify the Construction Contractor, in writing, of any delinquent corrections/replacement and take administrative action in accordance with the Construction Contractor performance text of Task 606.

Task 606

**CONSTRUCTION CONTRACTOR PERFORMANCE:** Throughout the execution of the Project Construction Contract, monitor and evaluate the Construction Contractor(s) performance and quality assurance procedures and provide timely, administrative action to cause the Construction Contractor(s) to correct their construction deficiencies. With the Department's concurrence, the Professional may direct, in writing, the exposure and testing of any Project construction work, already in place or covered, which the Professional, and/or the Department, believes may not meet the design intent of the Professional's Contract Documents.

Notify the Construction Contractor, and the Department, in writing, within five (5) business days of its identification, of any aspect of the Construction Contractor's performance which is inconsistent with the Contract Documents or which, in the Professional's opinion, is inconsistent with the design intent of the Professional's Contract Documents. Prescribe a reasonable time for correction which will not jeopardize the Project construction schedule completion date. Exert all practical administrative means necessary to require the Construction Contractor to perform as required by their Construction Contract to meet the design intent of the Professional's Contract Documents/architectural and/or engineering drawings and specifications requirements.

**Deficient Performance:** Upon identification of deficient performance, where the Project Construction Contractor fails to provide timely or acceptable performance, the Professional shall proceed as follows: (1) Notify within three (3) business days the Department, the Construction Contractor and any affected surety, in writing, and by registered mail delivery, of the potential for the Construction Contractor's default action and the Professional's recommendation; (2) Identify applicable Construction Contract references, with design interpretation of such references, and clearly explain where the Construction Contractor's performance fails to meet the design intent of the Professional's Contract Documents; and (3) Specify a time and date for the Construction Contractor to begin active and continuous work towards Contract compliance and a specific time and date for completion.

**Potential Default:** Upon notification by the Department of potential default by the Construction Contractor, where the Project Construction Contractor fails to adequately perform, the Professional shall proceed as follows: (1) Document the potential default, in writing, to the Construction Contractor, the Construction Contractor's surety and the Department; (2) Provide an explanation of the consequences of the potential default to the Project; (3) Provide the Department with a complete set of Project record documentation necessary to assist the Department in the legal implementation of the Construction Contractor's default action; (4) Establish an appropriate amount and withhold from payment certification of the associated line item, include a retainage consisting of any costs expended for testing and other investigations necessary to establish unsatisfactory performance plus a contingency amount, adequate for the Department to correct such unacceptable performance by means other than the Construction Contractor; and (5) Notify the Construction Contractor and their surety, in writing, of the withholding.

**Default:** Upon notification of the Project Construction Contractor's default, the Professional shall proceed as follows: (1) Identify the extent of defaulted and/or remaining Project work; (2) Recommend a procedural program for the Department to achieve the defaulted work within the remaining Project construction time schedule if possible; and (3) Provide modified Bidding Documents that will allow the Department to rebid the remaining portion of work using the Professional's recommendations. The Professional will be compensated by the Department with a Contract Change Order for providing the defaulted Construction Contractor assistance service.

Task 607

**PUNCH LIST PROCEDURES:** Prepare and distribute Punch Lists for each Construction Contract. Prescribe a reasonable time schedule for completion of all construction Punch List items and identify an amount to be withheld from payment consisting of a minimum of two (2) times the estimated value of the unacceptable construction work plus an amount enough to assure the Department sufficient funds to cover all costs as may become necessary to complete the remaining delinquent work. Distribute Punch Lists within five (5) business days of the final Inspection. Notify the Construction Contractor of any delinquent Punch List construction corrections and take appropriate action in accordance with Tasks 604 and 606.

Task 608

**CLAIMS:** Evaluate and respond to any claims (in whole or in part) against the Department within five (5) business days of the receipt of such claim, in the Professional's office. Where any element of claims or subsequent litigation, are

based, in whole or in part, upon any deficiency or delinquency in the Professional's services, the Professional shall provide, in a timely manner, all professional services necessary to defend the claim issue(s). No payment will be due for claim defense services accumulated under this Task until settlement or judgment of litigation concludes the claim issue. The claim settlement or judgment decision will be used as the basis for determining the Professional's obligation, if any, for the costs of such professional services and/or for any costs incurred by the Department for which performance by the Professional may be responsible or contributory. Billing under this claims Task will be in accordance with an appropriate Contract Modification and/or Contract Change Order.

Task 609

AS-BUILT DOCUMENTS: Within ninety (90) consecutive calendar days after receipt of properly prepared a submitted Construction Contractor annotated as-built documents, incorporate and render them into the Professional's original Contract Documents for as-built documents. The Professional shall provide the Project Director with the following two (2) types of deliverable as-built documents for Project close-out: (1) One (1) set of legible/reproducible mylars completely updated, as-built original tracings of the Contract Documents/architectural and/or engineering drawings; and (2) Two (2) sets of completely updated as-built, close-out documents of the Project Contract Documents/architectural and/or engineering drawings on compact disks (CD's) in Auto CAD format that is "Auto CAD readable" and conforms to the American Institute of Architects (AIA) National CAD Standard format.

The as-built documents shall depict all construction modifications, additions, and deletions made either by Addendum, Bulletin, supplemental written instructions, and the written notations shown on the Construction Contractor's as-built drawings. The Professional's as-built architectural and engineering drawings shall be of such clarity, detail, and completeness that reference to other documents will not be required to describe or depict, the Project. The as-built documents shall be free of the Professional's original architectural and/or engineering final design errors and omissions. The Professional shall revise the final design as-built drawings as necessary to incorporate all requested Department revisions as required for the Department's formal written acceptance and approval of the Project as-built drawings and the Project final on-site Inspection. The Professional's services for the Task 609, As-Built Documents are not complete until: (1) The as-built architectural and engineering drawings have been verified, in writing, by the Professional to the Project Director as being accurate and complete; and (2) The as-built architectural and engineering drawings have been turned over and accepted by the Department's, Project Director in writing.

Task 610

CLOSE-OUT PROCEDURES: Maintain for the Project record a schedule of the Construction Contractor's required submittals for Project close-out. Review and approve or reject all submittals as appropriate. Within ninety (90) consecutive calendar days after Substantial Completion of the Project, after building or Project occupancy, verify to the Department's, Project Director in writing, that the following documents have been received: (1) All Project code compliance approvals; (2) Final Inspections; (3) Final occupancy permits; (4) Construction Contractor's as-built final design marked-up architectural and engineering drawings; (5) Copies of "Operation and Maintenance Manuals" of the Project systems; and (6) Equipment warranties and guarantees.

Provide to the Project Director, within ninety (90) consecutive calendar days after Substantial Completion of the Project, three (3) copies of "Operation and Maintenance Manuals" of the Project systems and equipment.

These close-out manuals shall include copies of reduced size, as-built architectural and engineering drawings, specifications, and all instructions published or furnished by respective manufacturers, construction code compliance certificates, equipment warranties and guarantees. The manuals shall also include a complete description of the Professional's Final Design intent concepts, operation, and required maintenance of each system. Participate in the Construction Contractor's start-up and in the training instruction of State/Client Agency personnel in the operation and use of the Project systems.

### **PHASE 700 - CONSTRUCTION ADMINISTRATION - FIELD SERVICES**

The Department may provide full or part-time Department Field Representatives to monitor the coordination and progress of the services of the Professional and the Project work of the Construction Contractor(s). Such Inspections may generate reports, minutes of meetings, notes and documents, which will be available to, and may be useful for, the Professional. These Department Field Representatives will be under the direction of the Project Director. The Project Director, or Department Field Representative, has the authority to require the Professional to respond to and resolve design related problems, construction field problems and to attend Project related meetings. Unless delegated by specific written notice from the Department, the Department Field Representative does not have any authority to order any changes in the Project scope of work or authorize any adjustments in Contract price or Contract time.

The Professional shall provide enough field Inspections of the Project to administer the construction Phase field services and its related construction Phase administration office services, as directly related to the degree of Project complexity and, up to and including full-time field Inspections. The construction field Inspections shall occur as the construction on-site field conditions and the Project may require and during the regularly scheduled monthly progress and payment meetings. The Professional shall use for their construction field

Inspection services, only personnel having such professional expertise, experience, authority, and compatibility with departmental procedures as the Department may approve. The Professional agrees that such characteristics are essential for the successful completion of the Project. Such individuals shall be replaced for cause where the Department determines and notifies the Professional, in writing, of their unacceptable performance.

The Professional shall review the Project construction work in place and that sequentially planned. The Professional shall determine whether the actual Project construction schedule progress appears to be in accordance with the approved Project construction schedule and whether the quality of the work appears to be in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements and are without apparent defects or deficiencies. No on-site advertising by, or of, the Professional or Project signs other than those appropriate to locate an approved field office will be permitted.

Task 701      COORDINATION: Coordinate the Professional's staff, Consultant firm's staff, Construction Contractors and all other Project related resources.

Task 702      PRECONSTRUCTION MEETING: Preside at and record preconstruction/organizational meetings for each Construction Contract. Issue meeting minutes.

Task 703      CONSTRUCTION INSPECTIONS: The Professional and their Consultants shall conduct and record the principal events and status of the work of all scheduled and other on-site Project activities. The construction field Inspections shall occur as the field conditions and the Project may require and during the regularly scheduled monthly progress and payment meetings. All construction progress Inspections shall be recorded in the form of a written report to the Department and the Construction Contractor within five (5) business days of the Project construction progress Inspection. The purpose of such Inspection/visitations includes, but is not limited to: (1) Achieve and maintain a working familiarity with the status, quantity, and quality of the Project construction work in place; (2) Determine if the actual Project construction schedule progress is in accordance with the approved Project construction schedule; (3) Review the installation and determine the acceptability of preparations for, and installation of, pending critical construction components and activities; and

(4) The Inspection of Project construction work completed or in progress by the Construction Contractor to determine and verify, in writing, to the Department's, Project Director and their Department Field Representative that the quantity and quality of all Project construction work is in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements.

Task 704      PROBLEM SOLVING MEETINGS: Conduct and record problem solving meetings between the Professional and the Professional's Consultants, the Construction Contractor(s), their subcontractors, the Department, the Project Director and their Department Field Representative, and any construction managers and other affected parties on-site or elsewhere to assess the construction work progress, and provide design interpretation decisions to resolve problems affecting the construction work. These problem-solving meetings shall be scheduled as the construction field conditions and the Project may require, and/or shall be at such time as the Construction Contractor(s), the Professional, the Department, the Project Director, Department Field Representative and any construction manager agree is appropriate to the Project construction work progress. Non-scheduled or emergency meetings shall be held at such time as necessary to maintain the schedule of various work items and to avoid delays in the Construction Contract completion date.

Task 705      PROGRESS MEETINGS: Conduct and record monthly scheduled Project construction progress meetings with the Project Director, Department Field Representative, the State/Client Agency, the Construction Contractor(s), and any construction manager. Assess Project construction work progress and provide timely, administrative actions as necessary to maintain the Project construction work on schedule and respond to and resolve all design related and construction items affecting the Project construction cost and follow the design intent of the Contract Documents, in accordance with Tasks 513 and 514.

Task 706      FINAL PROJECT INSPECTION: Conduct final construction field Inspections of the Project, in concert with the Construction Contractor(s), the Project Director, Department Field Representative, the State/Client Agency and any construction manager. Final Project field Inspections shall be conducted to witness and record equipment start-up and all testing, to verify, in writing, that each Construction Contractor has achieved Substantial Completion, to prepare Punch List(s) items, and to determine the status of any part of the Project construction work where the Department intends to take beneficial use or occupancy. Verify to the Project Director and Department Field Representative, in writing, the completeness and accuracy of the Construction Contractor's as-built drawings during the Project construction Phase Field Inspection(s) and identify any corrections required.

The Professional shall revise the final as-built drawings as necessary to incorporate all requested Department revisions as required for the Department's formal written acceptance and approval of the Project as-built drawings and the Project final inspection. Determine to the extent possible that the Project has been constructed in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements and that all equipment and systems function without defects.

## **ARTICLE II COMPENSATION**

In consideration of the performance of this Contract, the Department agrees to pay the Professional, as compensation for professional services, an hourly billing rate for each employee providing a direct service to this Project, on a not-to-exceed basis as specified herein, subject to subsequent modification mutually agreeable to the parties hereto; provided, however, the Professional may not incur costs, or bill the Department, for professional services in excess of the estimates established for this Project without the prior written agreement of the Department. The attached proposal prepared by the Professional in response to the Request for Proposal, by the Owner, may describe methodology, services, schedule, and other aspects of the work to be performed under the Contract but does not supersede the Contract.

Compensation to the Professional shall be on an hourly billing rate basis for professional services rendered by salaried and non-salaried professional, technical and technical, support employees, except for any authorized reimbursable expenses provided for in this Contract. Total compensation for any Phase shall not exceed the amount authorized for that Phase, unless authorized in writing by the Department's approved Contract Change Order. Professional services shall not be performed, and no Project expense shall be incurred by the Professional prior to the issuance of a written and signed Professional Services Contract and a DTMB Form 0402 - Contract Order by the Department to the Professional, authorizing the Professional to start the Project work.

The preparation of Bulletins and Contract Change Orders resulting from increases in the Project scope of work or previously unknown on-site field conditions will be compensated to the Professional, as approved by the Project Director, on an hourly billing rate basis in accordance with this article. This compensation shall not exceed seven and half percent (7.5%) of the Construction Contractor's quotation for the Bulletin or Contract Change Order or an amount mutually agreed upon by the Professional and the Project Director.

The Professional shall provide, at no additional compensation, professional services necessary to respond to and resolve all Construction Contractor design related claims arising wholly or in part from the Professional's Contract Documents errors or omissions or other aspects of the Project's design or the Professional's performance which are inconsistent with the Professional or Construction Contract.

Reproduction costs for the Professional firm's interpretations, study/design clarifications, and Bulletins necessary to achieve the Contract scope of work final design requirements is not allowable for reimbursement and shall be accounted as part of the Professional firm's lump sum fee of this Contract.

2.1 PREMIUM TIME/OVERTIME: This Contract anticipates that no premium or overtime is required to achieve this Project's scope of work. No compensation will be allowed to the Professional for any premium or overtime cost incurred to achieve the Project schedule of this Contract, unless directed in writing by the Project Director.

2.2 EMPLOYEE HOURLY BILLING RATES: Hourly billing rates will include all direct and indirect monetary costs to the State for the Professional's services under this Contract other than the authorized and approved reimbursements. Hourly billing rates shall be based on the Professional's documented historical operating expenses and adjusted for Project specific costs. In no case shall this documentation period include more than eighteen (18) months prior to the date of award of this Contract. The Professional may not provide different hourly billing rates for the same individual for different Phases.

No lump-sum subcontracts for the professional services of any employee may be billed against this Contract. Any employee associated with this Project who performs the professional services of a subordinate or of a position classification having a lower classification/pay range shall be accounted and paid for at the lower hourly billing pay rate. The hourly billing rate charge of any employee may be changed by the Professional with a written and Department approved Contract Modification during the life of this Contract to account for normal personnel pay increases.

Hourly billing rates include, but are not limited to: Overhead items such as employee fringe benefits, vacations, sick leave, insurance, taxes, pension funds, retirement plans, meals, lodging, and all Project related travel expenses for Projects less than one-hundred (100) miles in each direction from the Professional's Michigan office, computer costs/operating costs and time, telephone, telephone-related services, and all reproduction services (except Contract Bidding Documents).

The hourly billing rate also includes all reproduction costs for design interpretations, study/design clarifications and Bulletins related to design errors or omissions, construction code compliance (precipitating either from design code compliance and plan review, design interpretations, or construction on-site/field Inspections), and all similar, or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rate. All postage, mail, or other shipping or delivery services, acquisition, bad debts, previous business losses, employment fees, depreciation, and operating costs for equipment, including computer design and/or computer drafting systems, and any specialized testing equipment are to be included. The hourly billing rate shall include, without exception, secretarial, computer/typing/word processing, editing, and clerical services utilized in any way for the Project as well as other non-technical and/or overhead employees. The hourly billing rate also includes all profit without regard to its form or distribution.

Items not allowable as part of the Professional's calculated hourly billing rate include but are not limited to: Any costs associated with litigation and settlements for the Professional, or other liability suits, out-of-state offices, and associated travel, bonuses, profit sharing, premium/overtime costs, public relations, entertainment, business promotion, contributions, and various speculative allowances.

The hourly billing rate for the Professional may not be applied to the work of the Professional's Consultant's staff. Each Consultant firm must submit a separate hourly billing rate with proper documentation for the Consultant services they will provide as part of the Proposal. The hourly billing rate of the respective Consultant firm shall be used for that Consultant firm's personnel only. The Professional may propose a mark-up, not to exceed 5%, to their Consultant firm's charges. The Professional's Consultant services shall be billed as an authorized reimbursable expense item at a direct cost times the Firm's mark-up percentage accepted by the Department.

2.3 RANGE OF EMPLOYEE HOURLY BILLING RATES: The Professional shall identify the service being provided and include the Professional's or Consultant's employee(s) full names and position classifications for the Project and their current hourly billing rates at the beginning and at the anticipated end of the Project. This hourly billing rate range shall reflect any anticipated pay increases over the life of the Contract. The range of hourly billing rates for any employee position or classification may not be changed without an approved Contract Modification.

2.4 DIRECT COST REIMBURSEMENT ITEMS: The Professional's Consultant services and authorized reimbursable expenses shall be treated as an authorized reimbursable expense item at a direct cost times the firm's mark-up percentage amount, not to exceed 5%, approved by the Department. Reimbursement of authorized expense items at direct cost times the firm's mark-up percentage amount, not to exceed 5%, is intended only to compensate the Professional for their direct costs. The Professional shall be responsible for the selection of the supplier of their professional services or materials, the coordination, adequacy and application of their professional services, whether provided by the Professional's staff or provided by their Consultant, any Project costs that exceed the Contract per Phase reimbursement Budget.

Project related travel expenses (mileage, meals, lodging) for Projects more than one-hundred (100) miles in one-way from the Professional's Michigan office shall be treated as an authorized reimbursable expense at the State of Michigan's current travel rates.

Unless authorized elsewhere in this Contract, direct cost reimbursement items shall be limited to the actual cost of printing and reproduction of project deliverables such as Final Study Reports, Surveys, Bidding Documents, and U.S. Mail regular shipping postage of the project deliverables listed above. In addition, direct cost reimbursement items may include soil borings, site surveys and any required laboratory testing, Design Code Compliance and Plan Review Approval Fees by the licensing agency; reproduction of documents for legislative presentation, artistic productions, mobilization of testing equipment, laboratory costs for testing samples, per-linear-foot cost of soil borings and specialized inspections of the structural, mechanical, electrical, chemical or other essential components of the Project.

Compensation for this Contract shall not exceed the amounts per Project Phase shown in the attached Contract Order unless authorized by a Department approved Contract Modification. It shall be the Professional's responsibility to carefully monitor their and their Consultant firms Project costs, activities, and progress and to give the Project Director timely notification of any justifiable need to increase the authorized fee.

The Professional may not proceed with professional services that have not been authorized by the Project Director and shall immediately notify the Project Director if such services have been requested or have become necessary.

Identification of Professional and Consultant staff, hourly billable rates, and an itemized list per Project Phase of authorized direct cost reimbursement items are identified in the attached Professional's proposal.



### **ARTICLE III PAYMENTS**

Payment of the professional services fee shall be based on the Professional's performance of authorized professional service(s) performed prior to the date of each submitted payment request. Payment requests shall be submitted monthly to the Project Director on a payment request form (DTMB-0440). Payment for each monthly submitted payment request shall be made within thirty (30) consecutive calendar days following the Department's approval of the payment request.

Payment requests shall include signed certification by the Professional of the actual percentage of work completed as of the date of invoicing for each Phase and summarize the amounts authorized, earned, previously paid, and currently due for each Project Phase. Payment requests shall be supported by itemized records or documentation in such form and detail as the Department may require. Each of the Professional's Consultant's submitted payment request applications shall include similar information.

This includes, but is not limited to:

- a) Phase Numbers for the professional services provided.
- b) Professional's personnel and position/classification providing service and hours worked
- d) Current hourly billing rate charges for each individual position/classification.
- e) Copy of certified on-site visitation log or site visit report showing time on-site.
- f) Itemized invoices from each of the Professional's Consultant's documenting that firm's professional services charge and the Project work related services provided.
- g) Authorized reimbursable expense items provided with receipts and invoices.

### **ARTICLE IV ACCOUNTING**

The Professional shall keep current and accurate records of Project costs and expenses, of hourly billing rates, authorized reimbursable expense items, and all other Project related accounting document to support the Professional's monthly application for payment. Project records shall be kept on a generally recognized accounting basis.

Such records shall be available to the Department for a period of three (3) years after the Department's final payment to the Professional. The State of Michigan reserves the right to conduct, or have conducted, an audit and inspection of these Project records at any time during the Project or following its completion.

### **ARTICLE V INSURANCE**

The Professional shall purchase, maintain and require such insurance that will provide protection from claims set forth below which may arise out of or result from the Professional firm's services under this Contract, whether such service is performed by the Professional or performed by any of the Professional Firm's Consultant's or by anyone directly or indirectly employed by them, or by anyone for whose acts they may be liable. The following insurance policy limits described below are intended to be the minimum coverage acceptable by the State:

For this Section, "State" includes its departments, divisions, agencies, offices, commissions, officers, employees, and agents.

- (a) The Professional must provide proof that it has obtained the minimum levels of insurance coverage indicated or required by law, whichever is greater. The insurance must protect the State from claims that may arise out of or result from or are alleged to arise out of or result from the Professional's or a Subcontractor's performance, including any person directly or indirectly employed by the Professional or a Subcontractor, or any person for whose acts the Professional or a Subcontractor may be liable.
- (b) The Professional waives all rights against the State for the recovery of damages that are covered by the insurance policies the Professional is required to maintain under this Section. The Professional's failure to obtain and maintain the required insurance will not limit this waiver.
- (c) All insurance coverage provided relative to this Contract is primary and non-contributing to any comparable liability insurance (including self-insurance) carried by the State.

- (d) The State, in its sole discretion, may approve the use of a fully-funded self-insurance program in place of any specified insurance identified in this Section.
- (e) Unless the State approves, any insurer must have an A.M. Best rating of "A-" or better and a financial size of VII or better, or if those ratings are not available, a comparable rating from an insurance rating agency approved by the State. All policies of insurance must be issued by companies that have been approved to do business in the State. To view the latest A.M. Best's Key Ratings Guide and the A.M. Best's Company Reports (which include the A.M. Best's Ratings) visit the A.M. Best Company internet web site at <http://www.ambest.com>.
- (f) Where specific coverage limits are listed in this Section, they represent the minimum acceptable limits. If the Professional's policy contains higher limits, the State is entitled to coverage to the extent of the higher limits.
- (g) The Professional must maintain all required insurance coverage throughout the term of this Contract and any extensions. However, in the case of claims-made Commercial General Liability policies, the Professional must secure tail coverage for at least three (3) years following the termination of this Contract.
- (h) The minimum limits of coverage specified are not intended, and may not be construed, to limit any liability or indemnity of the Professional to any indemnified party or other persons.
- (i) The Professional is responsible for the payment of all deductibles.
- (j) If the Professional fails to pay any premium for a required insurance policy, or if any insurer cancels or significantly reduces any required insurance without the State's approval, the State may, after giving the Professional at least 30 days' notice, pay the premium or procure similar insurance coverage from another company or companies. The State may deduct any part of the cost from any payment due the Professional or require the Professional to pay that cost upon demand.
- (k) In the event the State approves the representation of the State by the insurer's attorney, the attorney may be required to be designated as a Special Assistant Attorney General by the Michigan Attorney General.
- (l) If single policy limits are used to fill more than one of these requirements evidence of separate aggregate limits must be noted on the certificate.

#### 5.1 Workers' Compensation and Employer's Liability Insurance

The Professional must provide Workers' Compensation coverage according to applicable laws governing work activities in the state of the Professional's domicile. If the applicable coverage is provided by a self-insurer, the Professional must provide proof of an approved self-insured authority by the jurisdiction of domicile.

For employees working outside of the state of the Professional's domicile, the Professional must provide certificates of insurance proving mandated coverage levels for the jurisdictions where the employees' activities occur.

#### 5.2 Motor Vehicle Insurance

If a motor vehicle is used in relation to the Professional's performance, the Professional must have vehicle liability insurance on the motor vehicle for bodily injury and property damage as required by law.

#### 5.3 Commercial General Liability Insurance

For claims for damages because of bodily injury or death of any person, other than the Professional's employees, or damage to tangible property of others, including loss of use resulting therefrom, to the extent that such kinds of liability are not insured by other specific liability insurance and are ordinarily insurable under general liability insurance. The Professional must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents as additional insureds on the Commercial General Liability certificate. The Professional also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company.

## 5.4 Professional Liability Insurance (Errors and Omissions)

Contractual Liability Insurance for claims for damages that may arise from the Professional's assumption of liability on behalf of the State under Article 6 concerning indemnification for errors, omissions, or negligent acts in the course of the professional service or other provision within this Contract to the extent that such kinds of contractual liability are insurable in connection with and subject to limits of liability not less than for the general liability insurance and the professional liability insurance and set forth in subsections (c) and (d) above.

Except where the State has approved a subcontract with other insurance provisions, the Professional must require any Consultant/Subcontractor to purchase and maintain the insurance coverage required in this Article. Alternatively, the Contractor may include a Consultant/Subcontractor under the Professional's insurance on the coverage required in that Section. The failure of a Consultant/Subcontractor to comply with insurance requirements does not limit the Professional's liability or responsibility.

Certificate of Insurance documents, acceptable to the State, shall be provided and filed with the Department prior to commencement of the Professional's Project services, unless otherwise approved in writing, and not less than 20 days before the insurance expiration date every year thereafter. Facsimile copies of the Certificate of Insurance **will not** be accepted.

Certificate of Insurance documents must be either submitted hard copy or portable document file (.pdf). The Certificate of Insurance documents must specify on the certificate in the oblong rectangle space labeled "Description of Operations/Locations/Vehicles/Exclusions Added by Endorsement/Special Provisions/Special Items" the following items: **(1) The Project File No.; (2) The Project Title; (3) Description of the Project; and (4) The State of Michigan must be named as an "Additional Insured on the General Liability Insurance Policy."**

The Certificate of Insurance documents shall contain a provision that the Project insurance coverage afforded under the insurance policies for this Contract will not be modified or canceled without at least thirty (30) consecutive calendar days' prior written notice, except for 10 days for non-payment of premium, to the State of Michigan, Department.

The attached, Certificates of Insurance documents required for this Project shall be in force for this Project until the final payment by the State to the Professional is made and shall be written for not less than any limits of liability specified above. The Professional has the responsibility for having their Consultant firms comply with these insurance requirements.

Commercial General Liability Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence Limit \$1,000,000 Personal & Advertising Injury Limit \$2,000,000 General Aggregate Limit \$2,000,000 Products/Completed Operations  <u>Deductible Maximum:</u> \$50,000 Each Occurrence	Contractor must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds using endorsement CG 20 10 11 85, or both CG 2010 07 04 and CG 2037 07 0.
Automobile Liability Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> \$1,000,000 Per Occurrence	Contractor must have their policy: (1) endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds; and (2) include Hired and Non-Owned Automobile coverage.
Workers' Compensation Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.

Employers Liability Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease.	
Professional Liability (Errors & Omissions) Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate  <u>Deductible Maximum:</u> \$50,000 Per Loss	<p>The Professional Firm's Errors and Omissions coverage shall include coverage for claims resulting from acts of forbearance that cause or exacerbate pollution and claims of bodily injury and property damage. This insurance is required of all Professional firms who conduct professional environmental services including, but not limited to, any of the Phase 100 – Study services:</p> <p><i>Contractual Liability Insurance for claims for damages that may arise from the Professional's assumption of liability on behalf of the State under Article VI concerning indemnification for errors, omissions, or negligent acts in the course of the professional service or other provision within this Contract to the extent that such kinds of contractual liability are insurable in connection with and subject to limits of liability not less than for the general liability insurance and the professional liability insurance and set forth in subsections (c) and (d) above.</i></p>
Environmental and Pollution (Errors & Omissions) Insurance	
Required Limits	Additional Requirements
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate	<p>Contractor must have their policy: (1) be applicable to the work being performed, including completed operations equal to or exceeding statute of repose; (2) not have exclusions or limitations related to remedial system design, remediation management, feasibility development and implementation, hydrogeological evaluation, media testing and analysis, subsurface and geophysical investigation, and other related activities as determined by the Department; and (3) endorsed to add "the State of Michigan, its departments, division, agencies, offices, commissions, officers, employees, and agents" as additional insured.</p>

**Additional Insurance Requirements:**

Contractor must maintain the insurances identified above and is responsible for all deductibles. All required insurance must: (a) protect the State from claims that may arise out of, are alleged to arise out of, or result from Contractor's or a subcontractor's performance; (b) be primary and non-contributing to any comparable liability insurance (including self-insurance) carried by the State; and (c) be provided by a company with an A.M. Best rating of "A" or better, and a financial size of VII or better.

If any of the required policies provide **claims-made** coverage, the Contractor must: (a) provide coverage with a retroactive date before the effective date of the contract or the beginning of Contract Activities; (b) maintain coverage and provide evidence of coverage for at least three (3) years after completion of the Contract Activities; and (c) if coverage is canceled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, Contractor must purchase extended reporting coverage for a minimum of three (3) years after completion of work.

Contractor must: (a) provide insurance certificates to the Contract Administrator, containing (1) The Project File No.; (2) The Project Title; and (3) Description of the Project, at Contract formation and within 20 calendar days of the expiration date of the applicable

policies; (b) require that subcontractors maintain the required insurances contained in this Section; (c) notify the Contract Administrator within 5 business days if any insurance is cancelled; and (d) waive all rights against the State for damages covered by insurance. Failure to maintain the required insurance does not limit this waiver.

This Section is not intended to and is not be construed in any manner as waiving, restricting or limiting the liability of either party for any obligations under this Contract (including any provisions hereof requiring Contractor to indemnify, defend and hold harmless the State).

## **ARTICLE VI INDEMNIFICATION**

- (a) To the extent permitted by law, the Professional shall indemnify, defend and hold harmless the State from liability, including all claims and losses, and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties), accruing or resulting to any person, firm or corporation that may be injured or damaged by the Professional in the performance of this Contract and that are attributable to the negligence or tortious acts of the Professional or any of its Subcontractors/Consultants, or by anyone else for whose acts any of them may be liable.
- (b) Employee Indemnification: In any and all claims against the State of Michigan, its departments, divisions, agencies, boards, sections, commissions, officers, employees and agents, by any employee of the Professional or any of its Subcontractors/Consultants, the indemnification obligation under this Contract shall not be limited in any way by the amount or type of damages, compensation or benefits payable by or for the Professional or any of its Subcontractors/Consultants under worker's disability compensation acts, disability benefit acts or other employee benefit acts. This indemnification clause is intended to be comprehensive. Any overlap in provisions, or the fact that greater specificity is provided as to some categories of risk, is not intended to limit the scope of indemnification under any other provisions.
- (c) Patent/Copyright Infringement Indemnification: To the extent permitted by law, the Professional shall indemnify, defend and hold harmless the State from and against all losses, liabilities, damages (including taxes), and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties) incurred in connection with any action or proceeding threatened or brought against the State to the extent that such action or proceeding is based on a claim that any piece of equipment, software, commodity or service supplied by the Professional or its Subcontractors/Consultants, or the operation of such equipment, software, commodity or service, or the use of reproduction of any documentation provided with such equipment, software, commodity or service infringes any United States patent, copyright, trademark or trade secret of any person or entity, which is enforceable under the laws of the United States.

In addition, should the equipment, software, commodity, or services, or its operation, become or in the State's or Professional's opinion be likely to become the subject of a claim of infringement, the Professional shall at the Professional's sole expense (i) procure for the State the right to continue using the equipment, software, commodity or service or, if such option is not reasonably available to the Professional, (ii) replace or modify to the State's satisfaction the same with equipment, software, commodity or service of equivalent function and performance so that it becomes non-infringing, or, if such option is not reasonably available to Professional, (iii) accept its return by the State with appropriate credits to the State against the Professional's charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

Notwithstanding the foregoing, the Professional shall have no obligation to indemnify or defend the State for, or to pay any costs, damages or attorneys' fees related to, any claim based upon (i) equipment developed based on written specifications of the State; or (ii) use of the equipment in a configuration other than implemented or approved in writing by the Professional, including, but not limited to, any modification of the equipment by the State; or (iii) the combination, operation, or use of the equipment with equipment or software not supplied by the Professional under this Contract.

## **ARTICLE VII OWNERSHIP OF DOCUMENTS**

All Project deliverables, including but not limited to: reports, Bidding Documents, Contract Documents, electronic documents and data, and other Project related documents, including the copyrights, prepared and furnished by the Professional shall become the property of the State of Michigan upon completion of the Project, completion and acceptance of the professional's work, or upon termination of the Contract. Project deliverables shall be delivered to the Department upon their request. The Professional shall have no claim for further employment or additional compensation as a result of this Contract requirement. The Professional may retain a copy of all Project documents for their files.

If the Professional is in default or breach of its obligations under this Contract, the State shall have full ownership rights of the Project deliverables, including Bidding Documents and Contract Documents, including all electronic data. If the Professional is in default or this

Contract Agreement is terminated, the State shall not use the Contract Documents and deliverables of this Contract for completion of the Project by others without the involvement of other qualified Professionals who shall assume the professional obligations and liability for the Project work not completed by the Professional.

To the fullest extent allowed by law, the State releases the Professional, the Professionals Consultant(s) and the agents and employees of any of them from and against legal claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of the State's use of the Contract Documents other than in accordance with this Contract Agreement.

All Contract deliverables listed may be published or issued for informational purposes without additional compensation to the Professional. The Professional may not use any of the Contract Documents and Contract deliverables for any purpose that may misrepresent the professional services they provided.

The Professional shall retain full rights to the Contract Documents and deliverables and the right to reuse component information contained in them in the normal course of the Professional's professional activities.

The Contract deliverables, Contract Documents, or other documents produced under this Contract may be used by the Department, or others employed by the Department or State of Michigan, for reference in any completion, correction, remodeling, renovation, reconstruction, alteration, modification of or addition to the Project, without monetary compensation to the Professional.

The State of Michigan will not construct additional Projects or buildings based on the work of this Contract without notice to the Professional.

Whenever renderings, photographs of renderings, photographs or models, or photographs of the Project are released by the State of Michigan for publicity, proper credit for design shall be given to the Professional, provided the giving of such credit is without cost to the State of Michigan.

## **ARTICLE VIII TERMINATION**

The State may, by written notice to the Professional, terminate this Contract in whole or in part at any time, either for the State's convenience or because of the failure of the Professional to fulfill their Contract obligations. Upon receipt of such notice, the Professional shall:

- a) Immediately discontinue all professional services affected (unless the notice directs otherwise), and
- b) Deliver to the State all data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by the Professional in performing this Contract, whether completed or in process.

8.1 If the termination is for the convenience of the State, an equitable adjustment in the Contract price shall be made, but no amount shall be allowed for anticipated profit on unperformed professional services.

8.2 If the termination is due to the failure of the Professional to fulfill their Contract obligations, the State may take over the work and prosecute the same to completion by Contract or otherwise. In such case, the Professional shall be liable to the State for any additional cost occasioned to the State thereby.

8.3 If, after notice of termination for failure to fulfill Contract obligations, it is determined that the Professional had not so failed, the termination shall be deemed to have been affected for the convenience of the State. In such event, adjustment in the Contract price shall be made as provided in Section 8.1 of this article.

8.4 The rights and remedies of the State provided in this article are in addition to any other rights and remedies provided by law or under this Contract.

## **ARTICLE IX SUCCESSORS AND ASSIGNS**

This Contract shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns; provided, however, that neither of the parties hereto shall assign this Contract without the prior written consent of the other.

## **ARTICLE X**

## GOVERNING LAW

This Contract shall be construed in accordance with the laws of the State of Michigan.

## ARTICLE XI NONDISCRIMINATION

In connection with the performance of the Project under this, the Professional agrees as follows:

- a) The Professional will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, age, sex (*as defined in Executive Directive 2019-09*), height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the particular job or position.
- b) The Professional will provide equal employment opportunities to ensure that applicants are employed and that employees are treated during employment, without regard to their race, color, religion, national origin, age, sex, height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the job or position. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- b) The Professional will, in all solicitations or advertisements for employees placed by or on behalf of the Professional, state that all qualified applicants will receive equal employment opportunity consideration for employment without regard to race, color, religion, national origin, age, sex, height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the job or position.
- c) The Professional or their collective bargaining representative will send to each labor union or representative of workers with which is held a collective bargaining agreement or other Contract or understanding, a notice advising the said labor union or workers' representative of the Professional's nondiscrimination commitments under this article.
- d) The Professional will comply with the Elliot-Larsen Civil Rights Act, 1976 PA 453, as amended, MCL 37.2201 et seq; the Michigan Persons with Disabilities Civil Rights Act, 1976 PA 220, as amended, MCL 37.1101 et seq; Executive Directive 2019-09; and all published rules, regulations, directives and orders of the Michigan Civil Rights Commission which may be in effect on or before the date of award of this Contract.
- e) The Professional will furnish and file nondiscrimination compliance reports within such time and upon such forms as provided by the Michigan Civil Rights Commission; said forms may also elicit information as to the practices, policies, program, and employment statistics of the Professional and of each of their Consultant firms. The Professional will permit access to all books, records, and accounts by the Michigan Civil Rights Commission, and/or its agent, for purposes of investigation to ascertain nondiscrimination compliance with this Contract and with rules, regulations, and orders of the Michigan Civil Rights Commission relevant to Article 6, 1976 PA 453, as amended.
- f) In the event that the Michigan Civil Rights Commission finds, after a hearing held pursuant to its rules, that the Professional has not complied with the contractual nondiscrimination obligations under this Contract, the Michigan Civil Rights Commission may, as part of its order based upon such findings, certify said findings to the State Administrative Board of the State of Michigan, which the State Administrative Board may order the cancellation of the Contract found to have been violated, and/or declare the Professional ineligible for future Contracts with the State and its political and civil subdivisions, departments, and officers, and including the governing boards of institutions of higher education, until the Professional complies with said order of the Michigan Civil Rights Commission. Notice of said declaration of future ineligibility may be given to any or all the persons with whom the Professional is declared ineligible to Contract as a contracting party in future Contracts. In any case before the Michigan Civil Rights Commission in which cancellation of an existing Contract is a possibility, the State shall be notified of such possible remedy and shall be given the option by the Michigan Civil Rights Commission to participate in such proceedings.
- g) The Professional shall also comply with the nondiscrimination provisions of 1976 PA 220, as amended, concerning the civil rights of persons with physical or mental disabilities.
- h) The Professional will include, or incorporate by reference, the nondiscrimination provisions of the foregoing paragraphs a) through g) in every subcontract or Contract Order unless exempted by the rules, regulations or orders of the Michigan Civil Rights Commission, and will provide in every subcontract or Contract Order that said nondiscrimination provisions will be binding upon each of the Professional's Consultant's or seller.



## **ARTICLE XII CONTRACT CLAIMS AND DISPUTES**

In any claim or dispute by the Professional which cannot be resolved by negotiation, the Professional shall submit the claim or dispute for an administrative decision by the Department of Technology, Management and Budget, Director of State Facilities Administration within thirty (30) consecutive calendar days of the end of the disputed negotiations, and any decision of the Director of State Facilities Administration may be appealed to the Michigan Court of Claims within one (1) year of the issuance of the Director's decision. The Professional agrees that the Department's appeal procedure to the Director of State Facilities Administration is a prerequisite to filing a suit in the Michigan Court of Claims.

## **ARTICLE XIII DEFINITION OF TERMS**

The definition of terms and conditions of this Contract are described and outlined in the following Articles 1 through 14 and attached appendices. The capitalized defined terms used in this Professional Services Contract shall have the following definitions:

**ADDENDA:** Written or graphic numbered documents issued by the Department and/or the Professional prior to the execution of the Construction Contract which modify or interpret the Project Bidding Documents, including architectural and/or engineering drawings, and specifications, by additions, deletions, clarifications or corrections. The Addenda shall: (1) Be identified specifically with a standardized format; (2) Be sequentially numbered; (3) Include the name of the Project; (4) Specify the Project Index No., Project File No., the Contract Order No. Y, and a description of the proposed Addenda; and (5) Specify the date of Addenda issuance. As such, the Addenda are intended to become part of the Project Contract Documents when the Construction Contract is executed by the Professional's recommended lowest responsive, responsible qualified Construction Contractor.

An Addendum issued after the competitive construction Bid opening to those construction Bidders who submitted a Bid, for rebidding the Project work without re-advertising, is referred to as a post-Bid Addendum.

**BID:** A written offer by a construction Bidder for the Department. Project construction work, as specified, which designates the construction Bidder's base Bid and Bid price for all alternates.

**BIDDER:** The person acting directly, or through an authorized representative, who submits a competitive construction Bid directly to the Department.

**BIDDING DOCUMENTS:** The Professional's Project Contract Documents as advertised, and all Addenda issued before the construction Bid opening, and after the construction Bid opening, if the Project construction work is rebid without re-advertising. Bidding Documents shall consist of: The Phase 500 - Final Design architectural and/or engineering drawings and specifications, any Addenda issued, special, general, and supplemental conditions of the Construction Contract, and modifications, if any, to standard forms provided by the Department. Such forms consist of: The Project advertisement, the instructions to Bidders, the proposal forms, general, supplemental, and any special conditions of the Construction Contract, and the form of agreement between the Department and the Construction Contractor for the Project work requirements.

**BID SECURITY:** The monetary security serving as guarantee that the Bidder will execute the offered Construction Contract or as liquidated damages in the event of failure or refusal to execute the Construction Contract.

**BUDGET:** The maximum legislatively authorized Budget amount to be provided by the State of Michigan and available for a specific purpose or combination of purposes to accomplish the Project for this Contract.

**BULLETIN:** A standard document form (DTMB-0485, Bulletin Authorization No. and the DTMB-0489, Instructions to Construction Contractors for Preparation of Bulletin Cost Quotations for Contract Change Orders) used by the Department to describe a sequentially numbered change in the Project under consideration by the Department and the Professional and to request the Construction Contractor to submit a proposal for the corresponding adjustment in the Contract price and/or Contract time, if any. These standard document forms are a part of the "DTMB-0460, Project Procedures" documents package.

**CONSTRUCTION CONTRACT:** A separate written Contract agreement between the Construction Contractor and the Department for the construction, alteration, demolition, repair, or rebuilding of a State/Client Agency building or other State property.

**CONSTRUCTION CONTRACTOR:** Any construction firm under a separate Contract to the Department for construction services.

**CONSTRUCTION INSPECTION SERVICES:** The Professional's field Inspections of the Project during the construction Phase of this Contract which includes but is not limited to: (1) Documenting the quantity and quality of all Project construction work and verifying that

the Project construction work is properly completed; (2) Resolve Project problems that are affecting the Project construction work, certify payment requests, process Bulletins, Contract Change Order recommendations, and requests for information (RFI's) in a timely manner as prescribed in the Department's, "MICHSPEC 2001 Edition of The Owner and Contractor Standard Construction Contract and General Conditions for Construction (Long Form)" or the current Department, DTMB Short Form 401 - Proposal and Contract/Front-End Package for Small Projects for Professional Services Contractors (PSC) with General Conditions for Construction and Instructions to Bidders" as adopted and modified by the State of Michigan and incorporated into the Construction Contract; and the (3) Inspection of Project construction work completed or in progress by the Construction Contractor to determine and verify to the Department's Project Director and their Department Field Representative that the Project construction work is in compliance with the Professional's design intent and that the Project has been completed by the Construction Contractor in accordance with the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements.

The Professional shall provide sufficient Inspections of the Project during the construction Phase to administer the construction Phase field and office services as directly related to the degree of Project complexity, up to and including full-time field Inspections. Construction field Inspections shall occur as the construction field conditions and the Project may require and during the regularly scheduled monthly progress and payment meetings. The Professional shall use for their construction field Inspection services, only personnel having professional expertise, experience, authority, and compatibility with departmental procedures as the Department may approve. The Professional agrees that such characteristics are essential for the successful completion of the Project. Such individuals shall be replaced for cause where the Department determines and notifies the Professional, in writing, of their unacceptable performance.

**CONSULTANT:** Any individual, firm, or employee thereof, not a part of the Professional's staff, but employed by the Professional and whose professional service cost is ultimately paid by the State of Michigan, either as a direct cost or authorized reimbursement. This includes the recipient(s) of Contract Orders for material, support, and/or technical services.

Also, included are persons and firms whose management and/or direction of services are assigned to the Prime Professional as may be provided elsewhere in this Contract.

**CONTRACT CHANGE ORDER:** A standard document form (DTMB-0403) issued and signed by the State of Michigan and signed by the Professional which amends the Project Design Professional's Contract Documents for changes in the Appendix 1 – Project/Program Statement or an adjustment in Contract price and/or Contract time, or both.

**CONTRACT DOCUMENTS:** The Professional's Phase 100 – Study, Final Report and Phase 500 - Final Design architectural and/or engineering plans/drawings, specifications, Construction Contract, instructions to construction Bidders, proposal, Bidding Documents, agreement, conditions of the Contract, payment bond, performance/labor and material bond, prevailing wages, all Addenda, and attachments as may be necessary to comprise a Construction Contract for the Project. Specifications for this Contract will be prepared for Division 00 through 49, in the 2004 MasterFormat Outline by the Construction Specifications Institute (C.S.I.), as appropriate for the Project.

**CONTRACT MODIFICATION:** A form (DTMB-0410) amending the Contract signed by the Department and the Professional. The preparation of Bulletins and Contract Change Orders resulting from changes in the Appendix 1 – Project/Program Statement or previously unknown on-site field conditions as approved by the Department will be compensated to the Professional by way of the Contract Modification in accordance with the Article 2, Compensation text of this Contract. Any Contract Modification of this Professional Services Contract must be in writing, signed by duly authorized representatives of the parties, and shall be in such format and detail as the Department may require. No Contract Modification will be approved to compensate the Professional for correcting, or for responding to claims or litigation for, the Professional's Phase 100 – Study, Final Report and Phase 500 - Contract Documents/architectural and/or engineering study/design errors, omissions or neglect on the part of the Professional.

**CONTRACT ORDER:** A form (DTMB-0402) issued and signed by the State of Michigan authorizing a Professional to: (1) Begin to incur Project expenses and proceed with the Project on-site; and (2) Provide professional services for the fee amount designated in the Phases of the Contract Order. Issuance of the DTMB-0402 certifies that: (1) The State will enter into a Professional Services Contract for the professional services described in the various Phases of this Contract; and that (2) The proper three (3) sets of Certificate of Insurance documents have been received and accepted by the State along with the approval and signing of the Professional's Professional Services Contract by the SFA, DCD Director.

**DEPARTMENT:** The Department of Technology, Management and Budget, Facilities and Business Administration, Design and Construction Division. The Department will represent the State of Michigan in all matters pertaining to this Project. This Professional Services Contract will be administered through the Department on behalf of the State of Michigan and The State/Client Agency.

**DESIGN MANUAL:** Provides the Professional with information regarding the Department's current "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" review process requirements regarding the uniformity in Contract materials presented to it by the Professional and the State/Client Agency(ies). This manual contains the following noted standards, instructions, and procedures information for: (1) General instructions for planning documents from Phase 100-Study through Phase 500-Final Design;

(2) Net and gross area/volume; (3) Project cost format; (4) Outline architectural and engineering specifications; (5) Specifications in documentation Phase; (6) Instructions for proposal; (7) Bidders questionnaire; and the (8) Project job sign.

**DIRECTOR:** The Director of the Department of Technology, Management and Budget or their authorized State of Michigan representative.

**DIRECTOR-SFA:** The Director of the Department of Technology, Management and Budget, State Facilities Administration or their authorized State of Michigan representative.

**DEPARTMENT FIELD REPRESENTATIVE:** An employee of the State under the direction of the Project Director who provides the Inspection of construction Projects for compliance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specification requirements and the building construction codes. The Department Field Representative is the liaison between the Construction Contractor, the Professional, and the Project Director. The Project Director, or their Department Field Representative, has the authority to require the Professional to respond to and resolve study/design related problems, construction field problems and to attend Project meetings. Unless delegated by specific written notice from the Department, the Department Field Representative has no authority to order any changes in the Project scope of work or authorize any adjustments in Contract price or Contract time.

**INSPECTION:** The Professional and their Consultant firm's on-site and/or off-site examination of the Project construction work completed or in progress by the Construction Contractor to determine and verify to the Department's, Project Director and their Department Field Representative that the quantity and quality of all Project construction work is in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements.

**KEY PRINCIPAL PERSONNEL/EMPLOYEE:** An individual employee of a Professional who is essential for the successful completion of the Project.

**NOTICE OF INTENT TO AWARD:** A written notice to the Construction Contractor, by the Department accepting the Professional's written recommendation to award the construction Bid to the lowest responsive, responsible qualified construction Bidder. The Notice of Intent to Award letter will also designate the Contract price and itemize the alternates that the Department, at its sole discretion has accepted.

**PHASE:** A discretely distinguishable step necessary to produce the Project during the Professional providing architectural and/or engineering study, design and construction administration services.

**PRIME PROFESSIONAL SERVICES CONTRACTOR/PROFESSIONAL:** An individual, firm, partnership, corporation, association, or other legal entity who is legally permitted by law to sign and seal final design construction Contract Documents and licensed under the State of Michigan's professional licensing and regulation provisions of the Occupational Code (State Licensing Law), Act 299 of the Public Acts of 1980, Article 20, as amended, to practice architecture, engineering, environmental engineering, geology, civil, land surveying, or landscape architecture services in the State of Michigan.

The Prime Professional Services Contractor/Professional is also legally permitted by the State of Michigan's regulation provisions of the State Construction Code, Act 230 of the Public Acts of 1972, as amended, and designated in a Construction Contract by the Department to recommend construction progress payments to the Construction Contractor.

**PROJECT:** Any new construction, existing site, new utilities, existing building renovation, roof repairs and/or removal and replacement, additions, alteration, repair, installation, construction quality control and material testing services, painting, decorating, demolition, conditioning, reconditioning or improvement of public buildings, works, bridges, highways or roads authorized by the Department that requires professional study/design services as part of this Contract.

**PROJECT COST:** The total Project cost including, but not limited to, site purchase, site survey and investigation, hazardous material abatement, construction, site development, new utilities, telecommunications (voice and data), professional fees, construction quality control and material testing services, testing and balancing services, furnishings, equipment, architectural and/or engineering plan(s)/drawing(s) design code compliance and plan review approval fees and all other costs associated with the Project .

**PROJECT DIRECTOR:** The professional licensed employee of the Department who is responsible for directing and supervising the Professional's services during the life of this Contract. The Project Director, or their Department Field Representative, has the authority to require the Professional to respond to and resolve study/design related problems, construction field problems and to attend Project related meetings.

**PROJECT/PROGRAM STATEMENT:** The Project/Program Statement is provided by the Department and defines the scope of the problem, describes why this Project is desirable, and provides a preferred resolution of the problem.

**PROJECT TEAM:** The Professional, the Project Director, Department Field Representative, a representative of the State/Client Agency, and others as considered appropriate by the Department.

**PUNCH LIST:** A list of minor construction Project items to be completed or corrected by the Construction Contractor, any one of which do not materially impair the use of the Project work, or the portion of the Project work inspected, for its intended purpose.

A Punch List shall be prepared by the Professional upon having made a determination that the Project work, or a portion of the Project construction work inspected, in concert with the Professional, the Construction Contractor, the Department, the Project Director and their Department Field Representative, the State/Client Agency and any construction manager, is substantially complete and shall be attached to the respective DTMB-0455, Certificate of Substantial Completion form. This standard document form is a part of the "DTMB-0460, Project Procedures" documents package.

**SOIL EROSION AND SEDIMENTATION CONTROL:** The planning, design and installation of appropriate Best Management Practices (as defined by the most current version of the Department's Soil Erosion and Sedimentation Control Guidebook) designed and engineered specifically to reduce or eliminate the off-site migration of soils via water runoff, wind, vehicle tracking, etc. and comply with the Soil Erosion and Sedimentation Control in the State of Michigan as regulated under the 1994 Public Act 451, as amended – The Natural Resources Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Soil Erosion and Sedimentation Control associated with this Contract will be monitored and enforced by the Department of Technology, Management and Budget, State Facilities Administration, Soil Erosion and Sedimentation Control Program.

**STATE:** The State of Michigan in its governmental capacity, including its departments, agencies, boards, commissions, officers, employees, and agents. Non-capitalized references to a state refer to a state other than the State of Michigan.

**STATE/CLIENT AGENCY:** A Department of the State of Michigan, for whose use the Project will ultimately serve, which requires professional architectural and/or engineering design services.

**SUBSTANTIAL COMPLETION:** The form (DTMB-0445) stating that the Project work, or a portion of the Project work eligible for separate Substantial Completion, has been completed in accordance with the design intent of the Professional's Contract Documents to the extent that the Department and the State/Client Agency can use or occupy the entire Project work, or the designated portion of the Project work, for the use intended without any outstanding, concurrent work at the Project work site, except as may be required to complete or correct the Project work Punch List items.

**SUSTAINABLE DESIGN:** The Professional's use of a balance of appropriate materials, products and design methods that reduce the impact to the natural ecosystems and be within the Budget constraints of the Project. Sustainable Design shall be used wherever possible by the Professional in their Project design and an itemized list shall be provided with the Professional's Contract Documents that identifies the processes and products.

**TASK:** Shall mean the following: (1) A quantifiable component of design related professional architectural and/or engineering study/design Task services required to achieve a Phase of the Project; (2) The most manageable sub-element within a study/design Phase; (3) A unique item of work within a study/design Phase for which primary responsibility can be assigned; and (4) Has a time related duration and a cost that can be estimated within a study, design, and construction Phase.

#### **ARTICLE XIV COMPLETE AGREEMENT/MODIFICATION**

This Professional Services Contract constitutes the entire agreement as to the Project between the parties. Any Contract Modification of this Contract and the Project/Program Statement must be in writing, signed by duly authorized representatives of the parties, and shall be in such format and detail as the State may require. No Contract Modification may be entered to compensate the Professional for correcting, or for responding to claims or litigation for the Professional's Contract Documents/architectural and/or engineering study/design errors, omissions or neglect on the part of the Professional.

**APPENDIX 1**

**PROJECT/PROGRAM STATEMENT**

# PROJECT STATEMENT

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 State Facilities Administration  
 Design and Construction Division  
 3111 West St. Joseph Street  
 Lansing, Michigan 48909

<b>FILE NUMBER</b> Various	<b>ACCTING TEMPLATE</b> Various	<b>PROPOSAL DUE DATE</b> Thursday, January 17, 2019
<b>CLIENT AGENCY</b> Department of Technology, Management and Budget		
<b>PROJECT NAME AND LOCATION</b> 2019 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services		
<b>PROJECT ADDRESS (if applicable)</b> Various		
<b>CLIENT AGENCY CONTACT</b>		<b>TELEPHONE NUMBER</b>
<b>DTMB - DCD PROJECT DIRECTOR</b> Tim Hall		<b>TELEPHONE NUMBER</b> 517.881.4173

**WALK-THROUGH INSPECTION DATE, TIME, AND LOCATION:**

No Pre-Proposal Meeting or Walkthrough will be held

**MANDATORY (Check box if Mandatory)**

<b>PROJECT DESCRIPTION/SERVICES REQUESTED</b> Provide professional architectural, engineering, surveying or landscape architectural ISID services for a variety of state funded construction projects.
<b>NIGP CODES</b> 90607; 90610; 90632; 90638; 90642; 90644; 90646; 90648; 90658; 90672; 92507; 92531; 92540 and 92588
<b>DESIRED SCHEDULE OF WORK</b> Dependent on the assigned project

**ACCEPTING RFP QUESTIONS UNTIL: 12:00 p.m., on Thursday, January 10, 2019**

REFERENCE STANDARDS: This project will comply with all codes, standards, regulations, and workers' safety rules that are administered by federal agencies (EPA, OSHA, and DOT), state agencies (DCH, DEQ, DNR, and MIOSHA), and any other local regulations and standards that may apply.

This form is required to be a part of the professional service contract. (Authority: 1984 PA 431)

Attachment(s)



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 State Facilities Administration  
 Design and Construction Division

## REQUEST FOR PROPOSAL ADDENDUM NO. 1

This form identifies an Addendum to a Request for Proposal for Professional Services, and incorporates interpretations or clarifications, modifications, and other information into the Request for Proposals. Addenda will be numbered by the Project Director and distributed through [www.michigan.gov/SIGMAVSS](http://www.michigan.gov/SIGMAVSS) as an attachment.

TO: <b>ALL PROPOSERS</b>	DATE ISSUED 1/11/2019
PROJECT NAME 2019 General AE ISID	FILE NUMBER N/A
PROJECT DIRECTOR Tim Hall	PROPOSAL DUE DATE: 1/17/2019

ADDENDUM ITEMS: (attach additional sheets and drawings if required)

1. The following additional documents have been posted to the SIGMA Advertisement and are available to proposers in response to questions submitted pre-proposal:
  - A. Word document form of Questionnaire
  - B. Word Document of Form III-2-A Employee Billing Rate Table
  - C. Sample Standard ISID Contract for Professional Services

2. The following additional pre-proposal RFI, Questions and answers have been submitted and are provided to clarify portions of the RFP package:

- a. Will we be permitted to bring our own sub-consultants not included on the DTMB list if they are required based on the scope of a specific project assignment?

Answer: If your intent is to offer a full range of A/E services, we would expect you would include subconsultants necessary to provide such services as part of your RFP proposed team. However, should a particular project assignment require a unique consultant for a solution, an additional or replacement sub-consultant may be proposed by the PSC subject to review and acceptance of DTMB DCD Project Director.

- b. There is an amount listed for small projects of \$25,000, is this reference to cost of construction or the estimated fees for the project?

Answer: Construction costs for ISID assignments are generally expected to be more than \$20,000 and less than \$500,000 approximately; PSC fees would be appropriate for construction scope and design effort.

- c. Section III-1 Billable Rate refers to costs such as meals, lodging, travel, etc. included in billing rate and also states "when the project is further than 100 miles one-way from the Professional firm's office, travel expenses to the project site at the State of Michigan's rates will be allowed as a reimbursable expense. Mileage will be actual, less 100 miles each way. Other travel expenses are not to be included". Does this mean lodging and meals are reimbursable if the project is over 100 miles one way?

Answer: No. Mileage is allowable for the distance above 100 miles each way. Any other travel expense reimbursement would require special circumstances and/or extraordinary distance and would require approval in advance from the DTMB-DCD Project Director.

APPROVED BY:

Tim Hall, Project Director Services Manager

DATE: 1/11/2018



**APPENDIX 2**  
**PROFESSIONAL'S PROPOSAL**  
**(See Back Cover)**

## 2019 Indefinite-Scope Indefinite-Delivery

### PART I - TECHNICAL



Prepared for: Mr. Tim Hall  
Department of Technology, Management and Budget  
Facilities and Business Services Administration  
Design and Construction Division  
3111 West St. Joseph Street  
Lansing, Michigan 48917

Prepared By: Donald B. Heck, P.E.  
Wolverine Engineers and Surveyors, Inc.  
312 North Street  
Mason, Michigan 48854

January 11, 2019

1919  2019

**WOLVERINE**  
Engineers & Surveyors, Inc.

100 Years of Engineering

January 11, 2019

Mr. Tim Hall  
Department of Technology, Management and Budget  
Design and Construction Division  
3111 West St. Joseph Street  
Lansing, Michigan 48917

**RE: 2019 Indefinite-Scope Indefinite-Delivery**

Dear Mr. Hall and Members of the Review Committee:

In accordance with your request for a proposal, Wolverine Engineers and Surveyors, Inc. is pleased to submit our proposal for Professional Services for the DTMB 2019 Indefinite-Scope Indefinite-Delivery Projects. Based on our work history with the State of Michigan, we feel that Wolverine is well prepared to continue this successful relationship. The following proposal will detail our experience and the qualifications of our team. Herein, we have listed a few of our highlights:

- **Project Experience** –Our focus for 100 years has been on public projects both large and small. Through our work with small rural communities, we have developed a strong understanding of what it takes to design a project under tight budget constraints and restore and reuse existing facilities whenever possible. We strive to design systems and structures that are easily understood and able to be maintained by a reduced staff.
- **Experienced Team** – A review of our personnel will demonstrate that our team at Wolverine has been working together for many years. We are very diverse and well qualified to perform these types of projects. We have a unique staff that includes the not only civil engineers, landscape architects, and geologists but also licensed water treatment operators, registered sanitarians, retired estimators and contractors to help us design cost effective and constructible projects.

Wolverine appreciates the opportunity to offer our Professional Services to the DTMB, and we look forward to working with you on future projects.

Respectfully submitted,

WOLVERINE ENGINEERS AND SURVEYORS, INC.



Daniel J. Wisinski  
Principal

**100** 1919 - 2019  
years

## II-1 Understanding of Project and Tasks

### Introduction

For 100 years, Wolverine Engineers and Surveyors, Inc. (Wolverine) has been providing exceptional consulting engineering services to state and local government as well as select private developers throughout Michigan. Wolverine provides a full line of consulting services including civil and geotechnical engineering, surveying, landscape architecture, construction inspection and design/build services. Wolverine employs a staff of approximately 25 engineers, landscape architects, surveyors, geologists, sanitarians, estimators, inspectors and draftspersons. Wolverine, Federal ID No. 38-2289255, is incorporated and licensed to practice professional engineering and surveying in the State of Michigan, per Public Act 299 of 1980, Article 20.

*“Wolverine has been providing excellent Civil Engineering services to many of our original clients for 100 years”*

As our references will attest, the DTMB will see the many benefits of working with a small, efficient and leaner firm. The greatest benefit being access to an experienced and tested talent pool typically found in larger firms without the escalated fees that are equally typical. Our decades of experience include a generous mix of municipal utility, roadway and recreational projects.

Wolverine is one of the very few design firms in Michigan that have the required experience, insurance and bonding capabilities to provide the State of Michigan Design/Build Services. In fact, Wolverine successfully completed two of the first MDNR Design/Build projects in the Holly Recreational Area Camper Cabins Project and the Northern Lower State Park Water Well Upgrades.



***Ionia Recreation Area Pedestrian Bridge***

President and project manager, Donald Heck, PE has been a leader of Wolverine’s staff for the past 22 years. In addition to being a highly respected municipal civil engineer and past State president of MSPE, Mr. Heck has guided Wolverine’s emergence as one of the leading Civil Engineering firms in Michigan. Marx Wetlands for wetland permitting, Northern Pump & Well for water well analysis.



### **Statement of Project and Qualifications**

Based on the information provided within the DTMB Request for Proposal and two addendums, we understand that this contract is to provide design and consulting services to various State Agencies for various projects. The DTMB will act as the contract administrator for the individual project contract and act as the owner's representative on the behalf of the State of Michigan. The project services required could consist of Phases 100 through 700 although all phases may not be necessary for every project.

As our project experiences detail, Wolverine is well qualified to handle a multitude of projects. Wolverine is a full-service engineering company offering design and construction observation for engineering projects to its client communities, private developers and builders. Wolverine focuses on our core service of municipal infrastructure projects for client communities and adding geotechnical engineering, construction materials testing and code consulting services lines. We've also successfully completed DTMB design/build projects for the state. In addition to reducing the project costs, this method has been proven to simplify the construction process for State Agencies. It also passes the responsibly of overseeing the minute details of the project from the State to the D/B professional, freeing up Agency Staff.

Wolverine currently serves as the Engineer for a number of municipalities including; the Cities of Mason, Olivet and Caseville as well as the Villages of Fowlerville, Bancroft, Bellevue, Dansville, Dimondale, Jonesville, Pigeon, Burlington and Waldron, the Townships of Huron and the Port Hope-Gore-Rubicon Utilities Authority.



**MSU Broad Art Museum**



**Village of Jonesville Water Tower**

### **Our Project Experience**

The Wolverine team has ample experience with the design, consulting and construction of a wide variety of projects throughout the State of Michigan and is equally qualified to assist the DTMB through the design process and to implement the plans through construction. The following list highlights a few of our projects and a more comprehensive list can be found in the appendix. We have also included the client contact information and encourage the DTMB to contact each of them to share their positive experience.



## Holly Recreation Area Camper Cabins

Holly, Michigan

This project was one of the DTMB's first Design Build projects for the MDNR and the second DB project awarded to Wolverine. The project consisted of installing two prefabricated camper cabins within a secluded, lakefront area located at the Holly Recreation Area. Wolverine was responsible for pre-construction tasks including the site and utility planning, surveying, geotechnical investigation, foundation design and permitting. Wolverine managed the installation of the cabin foundation, associated utilities (water, sewer and electric), ADA walkways/decks and site grading. The project also required an accelerated construction schedule to accommodate a MDNR and DOC ribbon cutting ceremony. This deadline was met with time to spare. Wolverine maintains all of the State required DB insurance coverages and bonding capabilities.



**Holly Rec Area Camper Cabins**

**Contact: Mr. Bruce Watkins, PE**  
**DTMB Design and Construction**  
**530 West Allegan**  
**Lansing, Michigan 48933**  
**Ph 517-242-7882**



**Northern Wells Pump Test at Hartrick Pines**

## Northern Lower State Park Water Well Upgrades

Aloha, Hartwick Pines, Clear Lake, Burt Lake, Petoskey and Young State Parks  
 Michigan

This project was also one of the DTMB's first Design Build projects for the MDNR intended for a Civil Engineering Firm to act as Prime for the project and the first State of Michigan DB project awarded to Wolverine. The project consisted of performing a study of the existing water well systems at each of the aforementioned State Parks and replacing the existing water well houses, piping, hydro-pneumatic tanks and service lines. Wolverine was responsible for pre-

construction tasks including the well capacity testing and reporting, surveying, site and utility plans for each site, geotechnical investigation, well house design, interior piping and electrical design and permitting. This fall, Wolverine will manage the installation of the new well houses, associated interior piping and utilities, site grading, system switch-over and demolition of the existing aged well house and well equipment.

**Contact: Mr. Jerry Gregorski, PE**  
**DTMB Design and Construction**  
**530 West Allegan**  
**Lansing, Michigan 48933**  
**Ph 517-242-4536**

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### **City of Mason Water Treatment Plant and Water System Upgrades - 2010 ACEC/Michigan Award Winner for Engineering Design**

Mason, Michigan

In order to meet the increased water demands and improve the overall drinking water quality, the City of Mason needed to install a new well and construct a new water treatment plant. This project was unique in that in addition to normal groundwater conditions typical to Michigan, Mason's water levels exceeded EPA standards for Radium 226/228. Wolverine completed a pilot study using LayneOx in a pressure filter set-up in combination with hydrous manganese oxide. The filter set-up reduced the Radium levels by 90% to levels well below EPA standards as well as significantly lowering iron levels. The project also required the installation of a new raw water main to connect the plant to the existing wells. Wolverine was responsible for the design; permitting; construction staking; construction administration, inspection, and record drawing preparation throughout the project.



**Mason Water Treatment Plant**

**Contact:, Deborah Stuart, Administrator**  
**City of Mason**  
**201 W. Ash Street**  
**Mason, MI 48854**  
**Ph. 517-676-9155**

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## City of Olivet Water System Improvements

Olivet, Michigan

Due to a groundwater contamination issues the City needed to locate and construct a new well, well house and water treatment system. After selecting a location for the proposed well and obtaining the appropriate permits from the State of Michigan, construction of a new well, equipped with a submersible pump, and well house was completed, including approximately 500 feet of new water main to connect the well to the existing water distribution system. The well house consists of a split face block building with a gable end roof; a new standby generator, and all the other appurtenances for a fully operational system. WESI was responsible for the design; permitting; construction staking; construction administration, inspection, and record drawing preparation throughout the project.



**Waldron Well House and Iron Removal Equipment**

**Contact: Mr. Jerry Staggs, DPW Director  
City of Olivet  
117 S. Main Street  
Olivet, MI 49076-0367**

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## Construction Vibration Monitoring Elevation Survey

City of Lansing Wastewater Treatment Plant  
Lansing, Michigan

Wolverine installed and continually monitored several points located throughout the Lansing WWTP on a daily to weekly basis for several months in 2011-2019. Wolverine's Professional Surveyor established a densified survey control network that was utilized to obtain vertical accuracies of 0.005 feet on the monitored points. Wolverine remains on an "on-call" basis during the project and is required to report abnormalities immediately and the formal results within 24 hours.

**Contact: Mr. Kevin Dubnicki, PE  
Professional Service Industries, Inc.  
45749 Helm Street  
Plymouth, Michigan  
Ph. 734-453-9700**



## II-2 Personnel

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The following list provides a brief description of our team's key staff and their roles on this project. Key Staff are labeled with an asterisk and their resumes can be found in the appendix of this section and their hourly billable rates can be found in the section titled "Part II – Cost".

The following list provides a brief description of our team's key staff and their roles on this project. Key Staff are labeled with an asterisk and their resumes can be found in the appendix of this section. Their hourly billable rates can be found in the following section titled "5.0 Cost Proposal".

### CIVIL ENGINEERING SERVICES

**Donald Heck, P.E. \*, Senior Project Manager and Principal-in-Charge**, Wolverine President and principal point of contact, has been a leader of our staff for the past twenty-five years. In addition to his status as a highly respected civil engineer and past President of MSPE, Mr. Heck has guided Wolverine's emergence as one of the leading mid-size civil engineering firms in Michigan. Mr. Heck's work experience has focused primarily on municipal civil engineering for communities of all sizes throughout Michigan and he's had the opportunity to experience first-hand, the daily challenges of providing these services to a busy community such as Galesburg. He is a licensed Professional Engineer in the States of Michigan, Ohio, Indiana, Illinois, Oklahoma, Washington, Tennessee, and Wisconsin and is a veteran of the United States Navy Civil Engineer Corps. Should Wolverine be granted an interview, it will not take long to recognize that Mr. Heck has a great presence and has a confident level-headed approach that is well received in community meetings.

Through several major roadway and utility projects successfully completed with his past client communities such as Mason, Delhi Township, Olivet, and St. Johns, Mr. Heck gained a clear understanding of the high expectations of a client like The RCKC. He has extensive experience with preparing detailed plans and specifications, capital improvement planning and construction administration. Mr. Heck will be directly responsible for project oversight, design direction/oversite, permitting, plan review, meeting representation and overall management of this contract as well as individual projects.

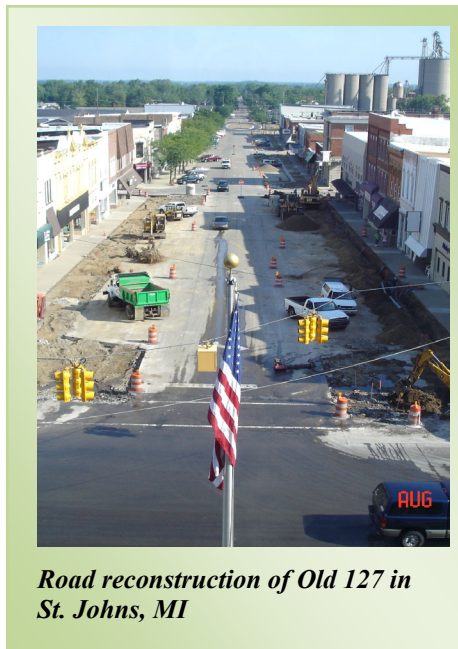
**Mr. Joseph White P.E., R.L.S. \*** will be our Senior Project Design Engineer for this contract. Mr. White is a graduate of Michigan State University with dual degrees in Civil Engineering and Landscape Architecture. He has worked in this capacity on several projects in his twenty-two-year tenure with Wolverine including several local streets and MDOT projects throughout Michigan. Mr. White currently provides municipal civil engineering services, including many water main projects, to several local municipalities including the Villages of Pinckney, Fowlerville, Pigeon as well as Huron Township and the Port Hope, Gore, and Rubicon Utility Authority. Mr. White will be responsible for project conceptual design, documentation, and scheduling.

Mr. Heck and Mr. White are experts in:

- Water Supply, Distribution, and Treatment
- Hydrogeological Studies for Water Supply
- Wastewater Collection and Treatment Design
- Permitting- MDEQ Act 399, Part 41, Floodplain, Wetlands, Soil Erosion, etc.
- Feasibility Studies and Project Cost Evaluation
- Storm Water and Soil Erosion and Control Planning
- Storm Water Drainage and Detention Design
- Street, Road, Highway and Bridge Design
- Traffic Studies
- Construction Observation
- Utility Start-up Operations
- Obtaining Easements
- Assessment District Formulation
- Wellhead Protection Area Delineation
- Incident Response Plan Preparation
- Municipal Planning
- Master Water Plans ● Master Sewer Plans
- Master Street Plans ● Site Plan Review

**Grant Writing – Obtaining and Implementing Grants and Loans from:**

- |                |             |
|----------------|-------------|
| ● EPA          | ● MDNR      |
| ● MDEQ         | ● RECD      |
| ● MDPH-Act 307 | ● MEDC-ICE  |
| ● MEDC-PW      | ● MEDC-CDBG |
| ● MEGA         | ● MDOT      |



*Road reconstruction of Old 127 in  
St. Johns, MI*

## SURVEYING SERVICES

**Mr. Donald Bendzinski, P.S.\***, is Wolverine's Director of Survey Services and will be our Project Surveyor. Mr. Bendzinski is a graduate of Michigan Tech and has more than thirty-five (35) years of experience as a licensed Professional Surveyor in the State of Michigan. Mr. Bendzinski currently manages the Wolverine Survey Department and will be directly responsible for coordinating surveying activities as well as preparing topographic plans, boundary survey, and construction staking.

Mr. Bendzinski supervises our three-full time survey crews utilizing the most recent, state of the art surveying equipment. Our newest equipment includes the new Trimble R10 GPS Unit, four Trimble R-6 GPS Units, two Trimble S6 Robotic Total Stations, as well as several Nikon and Trimble Total Stations.

Mr. Bendzinski is an expert in:

- Construction Surveys
- Right of Way Surveys
- Topographic Surveys
- Subdivisions Plats
- Construction Staking
- Mortgage Reports
- Legal Descriptions
- Cadastral/Boundary Surveys
- ALTA/ACSM Land Title Surveys
- Global Positioning Surveys
- Condominium Plans
- Wetland and Floodplain Mapping
- Expert Witness

## GEOTECHNICAL ENGINEERING AND MATERIALS TESTING

**Mr. Dan Wisinski** has more than Twenty-three (23) years of experience providing Geotechnical and Hydrogeologic services throughout the Midwest and is currently the Director of Wolverine's Geotechnical and Pavement Services Department. Mr. Wisinski has completed over 2,000 investigations throughout the United States. Mr. Wisinski will be responsible for overseeing geotechnical investigations, materials testing and construction inspection.

## CIVIL DESIGN AND DRAFTING

**Mr. Trent Powers\*** will be our Lead Project Civil Design Engineer for this contract. Mr. Powers is a graduate of Michigan State University with a BS in Civil Engineering and has worked in this capacity on several projects at Wolverine. Most recently, Mr. Powers worked on similar projects in Fowlerville, Pinckney, Mason, Blanchard, Olivet, and Britton. He has also successfully completed several water reliability studies in the past few years for many of our regular client communities. Mr. Powers will be responsible for project drafting and documentation preparation, scheduling, and permit application preparation.

**Mr. Jesse Lewter** will be an Assistant Project Civil Design Engineer and QA/QC Manager for this contract. Mr. Lewter is a graduate of the University of Michigan with a BS in Architecture and is also nearing

completion his second BS in Civil Engineering at Michigan State University. Mr. Lewter has been performing QA/QC plan reviews for many years at Wolverine and he will also be responsible for assisting in the drafting process.

**Mr. Martin Sekrenes** has more than forty years of inspection, construction, and paving experience across the Midwest for private construction companies and for Wolverine. Mr. Sekrenes will be directly responsible for performing all estimates as well as assist in design and the bidding process.

#### **FIELD SURVEYING**

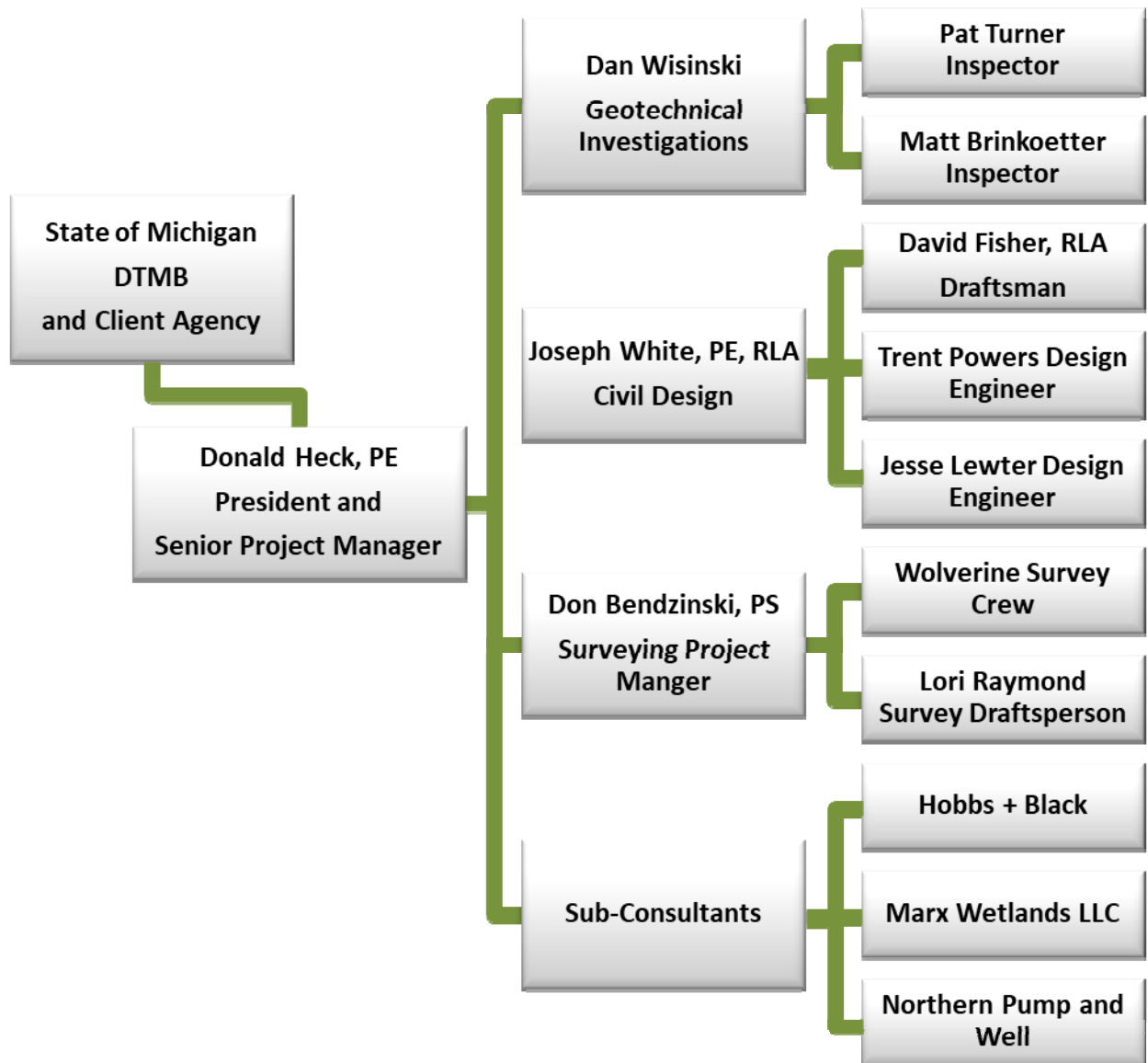
**Mr. Tim Young** will serve as our Surveying Crew Chief for this contract. Mr. Young has more than thirty-one years of surveying and construction staking experience with similar projects. Mr. Young has a BS in Surveying from Ferris State University and is extremely proficient with our state-of-the-art surveying equipment. Mr. Young will utilize our Trimble S6 Robotic Total Station for construction staking and our Trimble R10 GPS surveying equipment when needed for other surveying tasks.

#### **CONSTRUCTION INSPECTOR**

**Mr. Pat Turner** has more than twenty (20) years of inspection experience with similar projects for Wolverine and an additional seven (7) years of experience working for MDOT and the City of Lansing. Mr. Turner holds an associate degree from Lansing Community College in Construction Technology and will be directly responsible for coordinating and supervising field inspection.

**Organization Chart**

As requested in Item 2. of the Questionnaire for Professional Services, the following organization chart outlines the hierarchy of our project team that lists our staff that would be utilized for DTMB projects inclusive of our Sub-Consultants. Mr. Donald Heck, P.E. will be the single point of contact for the State of Michigan except for mutually agreed upon situations where it will benefit the project schedule.



## II – 3 Management Summary, Work Plan, and Schedule

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In accordance to DTMB specifications outlined in the Professional Services Contract, we have prepared an outline of our typical proposed scope of work for a general project.

### PHASE 100- Study

- **Project Kickoff and Investigative Meeting** - Our team will meet with the appropriate State of Michigan staff to exchange plans and interview staff.
- **Site Walk-Through** – Perform a thorough investigation of the existing facility/system, supervise/perform testing, complete an as-built survey of the existing facility/system, and other relevant equipment and structures.
- **Data Review**- Review data from the site investigations, plan review and staff interviews.
- **Report Preparation and Delivery**- Compile data into report format and create a cost effective recommendation for presentation to the appropriate State of Michigan staff. The 50% review submittal will include two to three options with an outline of the study. The 90% review submittal will include two to three finalized layouts, detailed construction cost estimate, detailed cost estimate for phases 400, 500, 600 and 700.

### PHASE 200- Programming

- **Phase Kickoff Meeting** - Our team will meet with the appropriate State of Michigan staff to discuss results to analyze and clarify the proposed project.
- **Data Review/Cost Estimate**- Develop a revised cost estimate from the review the collected data from the site investigations.
- **Report Preparation and Delivery**- Compile data into report or delivery to the appropriate State of Michigan staff. The 50% review submittal will include two to three options with an outline of the study. The 90% review submittal will include two to three finalized layouts, detailed construction cost estimate, revised detailed cost estimate for phases 400, 500, 600 and 700.

### PHASE 300- Schematic Design

- **Phase Kickoff Meeting** - Our team will meet with the appropriate State of Michigan staff to discuss results to analyze and clarify the proposed project.
- **Site Investigation** – Perform field testing of the project site which may include but not be limited to soil borings, surveying, wetlands delineation, HEC RAS, archaeological and environmental Phase I site investigations.
- **Data Review**- Review the collected data from the site investigations, plan review and staff interviews.
- **Report Preparation and Delivery**- Compile data into report format for delivery to the appropriate State of Michigan staff.

### PHASE 400- Preliminary Design

- **Phase Kickoff Meeting** - Our team will meet with the appropriate State of Michigan staff to address

comments resulting from the finalized study as well as any new developments. It is at this time that we would anticipate a final draft of the project scope.

- **Prepare Preliminary Construction Plans and Specifications for Review-** Our experienced draftsmen and designers will then prepare construction drawings. The drawings will be in accordance to the State Agency specifications and will specifically address the design.
- **Constructability Review and Quality Control Review –**  
Upon completion of the preliminary plans, our project manager, Mr. Heck, will perform our Wolverine developed QC procedure called the “12 Point Plan Review”. This 12 point checklist is applied to each plan sheet to ensure that the plans are complete and free of errors. Once the plans have been through the 12 point checklist, our Construction Team will perform a “mock construction” of the plan set to determine its constructability. Wolverine’s construction field staff will work through the project from initial site preparation through final punch lists to expose problems prior to construction.
- **Project Meeting and Plan Revision -** Present plans and progress status to appropriate State of Michigan staff for discussion and, if necessary, project revisions.

### **PHASE 500- Final Design**

- **Phase Kickoff Meeting -** Our team will meet with the appropriate State of Michigan staff to address comments resulting from the preliminary plans as well as any new project developments. It is at this time that we would anticipate fine tuning of project specifics and minor changes.
- **Constructability Review and Quality Control Review –**  
Wolverine staff will again perform an abridged constructability review of the plan set
- **Final Preparation and Delivery of Plans and Specifications–** Prepare and deliver the plan set, cost estimates, bidding documents and construction schedule at 50% and 90% completion for review.
- **Delivery of 100% Complete Plans, Specifications and Bidding Documents–** Deliver and present 100% completion Plans, Specifications and Bidding Documents to the appropriate State of Michigan Personnel.

Based upon the receipt of comments from the vested parties, we will produce a final draft of the plans and provide the following typical plan set -

- Site Plan
- Soil Erosion
- Cross Sections
- System Plans
- Specifications/Details
- Construction Specifications

### **PHASE 600- Construction Administration – Office Services**

As a check of our references will indicate, the administration of construction projects is one of Wolverine’s strongpoints. Over the past 93 years, we have fine-tuned a closely guarded process of construction administration that includes

- Developing a qualified bidders list
- Distributing clear and concise construction documents that result in accurate bids

- Carefully reviewing and certifying only the best bidders
- Recommending the award of the contract to the responsive qualified bidder that is going to provide the best value to the project
- Assisting the DTMB and State Agency in the execution of a contract with the successful bidder

#### **PHASE 700- Construction Administration – Field Services**

Among Wolverine's loyal clients include a number of rural communities located in places off the beaten path. Our way of limiting expensive travel costs and to avoid long commutes is to house our field inspector in rental properties near the site during the work week. An onsite inspector also injects project fees back into the local economy which benefits all parties.

In addition to normal project correspondence, Wolverine will provide a formal weekly construction updates to the DTMB and State Agency. This update will clearly state the progress of the week and inform the State agency of the plans for the following week for scheduling purposes. Budget updates will also be provided when appropriate.

Upon completion of the project, a punch list and project closeout will be completed to ensure that the services provided by the contractor as well as Wolverine is consistent with the high standards we have set for ourselves as well as those set by the State of Michigan.



**II- 4 Questionnaire for Professional Services**

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**Questionnaire for Professional Services**  
**Department of Technology, Management and Budget**  
**2019 Indefinite-Scope Indefinite-Delivery – Request for Qualifications**  
**Architecture, Engineering, and Landscape Architecture Services**  
**Various Locations, Michigan**

**ARTICLE 1: BUSINESS ORGANIZATION**

1. Full Name: **Wolverine Engineers and Surveyors, Inc.**  
 Address: **312 North Street, Mason, Michigan 48854**  
 Telephone and Fax: **Ph. 517-676-9200 Fax 517-676-9396**  
 Website: **www.wolveng.com** E-Mail: **danw@wolveng.com**  
 SIGMA Vendor ID: **CV0026824**

If applicable, state the branch office(s), partnering organization or other subordinate element(s) that will perform, or assist in performing, the work: **NA**

2. Check the appropriate status:

Individual firm     Association     Partnership     Corporation, or  Combination – Explain: [Click or tap here to enter text.](#)

If you operate as a corporation, include the state in which you are incorporated and the date of incorporation: **Michigan 1981**

Include a brief history of the Professional's firm: **Wolverine was started in 1919 in Mason, Michigan as Wolverine Engineers and Concrete Products. Wolverine changed locations in Mason several times before locating at its current location in 1981. Also in 1981, Wolverine split from their concrete products division and incorporated as Wolverine Engineers and Surveyors, Inc. Please Refer to our proposal for additional firm history.**

3. Provide an organization chart depicting all personnel and their roles/responsibilities. **Included in our proposal**  
 4. Provide an organization chart depicting key personnel and their roles for a typical assigned project. Include generic supporting staff positions. **Included in our proposal**  
 5. Provide a four year rate schedule per position. **Included in our proposal**

**ARTICLE 2: PROJECT TYPES AND SERVICES OFFERED**

Identify ALL project types and professional services for which your firm is exceptionally qualified and experienced.

Provide attachments illustrating a minimum of three examples, with references, of successful projects performed in the last five years for each item checked. Identification of specialties will not exclude selected firms from project types but will assist the DCD Project Directors in matching firms with projects.

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> ADA facility assessment and remodeling           | <input checked="" type="checkbox"/> Locks, Dams, Water Diking Systems and Water Control Structures |
| <input type="checkbox"/> Boilers and steam systems                                   | <input checked="" type="checkbox"/> Maintenance and facility preservation                          |
| <input checked="" type="checkbox"/> Bridges – pedestrian and vehicular               | <input checked="" type="checkbox"/> Marine work - boat launch facilities, docks, harbors           |
| <input checked="" type="checkbox"/> Building and structure additions                 | <input checked="" type="checkbox"/> Parking and paving   |
| <input checked="" type="checkbox"/> Building envelope investigation, repair, upgrade | <input checked="" type="checkbox"/> Recreation and Sports Facilities / Fields                      |
| <input checked="" type="checkbox"/> Correctional facilities                          | <input checked="" type="checkbox"/> Roof repair, restoration and/or replacement design             |
| <input type="checkbox"/> Door and window replacement                                 | <input checked="" type="checkbox"/> Soil Erosion Sedimentation Controls                            |
| <input type="checkbox"/> Fire and security alarm systems                             | <input checked="" type="checkbox"/> Site surveying   |
| <input checked="" type="checkbox"/> Fish passage structures                          | <input checked="" type="checkbox"/> Stormwater management and drainage plans                       |
| <input checked="" type="checkbox"/> General architectural and/or engineering design  | <input checked="" type="checkbox"/> Structural investigation and assessment                        |
| <input type="checkbox"/> HVAC equipment replacement, upgrade, selection              | <input checked="" type="checkbox"/> Toilet and/or shower room remodeling or design                 |
| <input type="checkbox"/> HVAC controls replacement, upgrade, selection               | <input checked="" type="checkbox"/> Trail design and development                                   |
| <input type="checkbox"/> Interior remodeling and renovation                          | <input checked="" type="checkbox"/> Wastewater systems   |
| <input type="checkbox"/> Laboratory facilities                                       | <input checked="" type="checkbox"/> Water supply systems   |
| <input checked="" type="checkbox"/> Landscape architecture                           |  |
| <input checked="" type="checkbox"/> Land Planning                                    |  |

**ARTICLE 3: PROJECT LOCATION**

Identify the regions where your firm can most efficiently provide services. Assignments may vary from the regions checked, depending on the specialties and services required.

- Western Upper Peninsula (west of Marquette)
- Eastern Upper Peninsula (east of Marquette)
- Northern Lower Peninsula (north of Grayling)
- Saginaw Bay area (east of 127, north of I-69 and M 57, south of Grayling)
- Western Lower Peninsula (west of 127, north of Muskegon, south of Grayling)
- Central Lower Peninsula (east of Battle Creek, west of Chelsea, south of M 46 and M 57)
- Southwestern Lower Peninsula (west of Battle Creek, south of Muskegon)
- Southeastern Lower Peninsula (east of Chelsea, south of I-69)

**ARTICLE 4: CONTRACT UNDERSTANDING**

The following items should be addressed on the assumption that your firm is awarded an Indefinite-Scope, Indefinite-Delivery contract. (See attached sample contract).

- 4.1 Is it understood that your firm is required to respond to small projects (less than \$25,000) as well as larger projects?

Yes  No

4.2 Is it understood that there is no guarantee of any work under this contract?

Yes  No

4.3 Is it understood that your firm will be required to execute the attached standard State of Michigan contract language for professional services?

Yes  No

4.4 Is it clearly understood that professional liability insurance is required at the time of execution of the ISID contract? (See Article 5 of the attached Sample Contract.)

Yes  No

4.5 Is it understood that your firm must comply with State of Michigan law as it applies to your services?

Yes  No

4.6 Is your firm familiar with Design and Construction's MICHSpec and DCSpec contracts and the enforcement of such?

Yes  No

If yes, explain: **The State of Michigan utilizes one of three General Conditions for projects depending upon the project dollar amount. Minor projects under \$50,000 utilize 50K Spec. Projects less than \$1 million utilize DC Spec and projects exceeding \$1 million or are particularly complex, utilize MICHSPEC General Conditions.**

## ARTICLE 5: CAPACITY AND QUALITY

5.1 Briefly describe your firm's methods and procedures for quality control for your deliverables and services. **Upon completion of the preliminary plans, our project manager, Mr. Heck, will perform our Wolverine developed QC procedure called the "12 Point Plan Review". This 12 point checklist is applied to each plan sheet to ensure that the plans are complete and of the high standards required by Wolverine and the State of Michigan. Once the plans have been through the 12 point checklist, our Construction Team will perform a "mock construction" of the plan set to determine its constructability. Please refer to Section II-3 Management Summary, Work Plan and Schedule in our proposal for a quality control plan**

5.2 Has your firm been involved in claims or suits associated with professional services errors and/or omissions?

Yes  No

If yes, explain: [Click or tap here to enter text.](#)

5.3 Will there be a key person who is assigned to a project for its duration?

Yes  No

- 5.4 Please present your understanding of the relationship between your firm, the DTMB Design and Construction Division, and the State Agency for whom a project will be completed.  
**Based on our past experience with DTMB Design and Construction Projects, we understand that the DTMB will issue our contract and act on the behalf of the State Agency as our "client representative" for design and contractual issues. The DTMB will be our single point of contact ; however, project conditions may necessitate direct comminucations with the State Agency. The DTMB Project Manager will be copied on all correspondance. In addition to the performing the scope of work, our firm will be responsible for scheduling and holding meetings, billing and other contract related tasks.**
- 5.5 Describe your approach if a bidder proposes a substitution of a specified material during bidding.  
**We would require the bidder to demonstrate that the substitute is an equivalent to the specified material through spec sheets, demonstrations, plant visits, etc. and to provide logical reasoning as to why the substitute should be accepted (i.e. increased competition resulting in a savings to the owner). We then would present the option to the owner with our recommendations.**
- 5.6 Describe your approach if a contractor proposes a substitution of a specified material or detail with shop drawing submittals or in construction.  
**If a shop drawing alternate is submitted, we would again require the contractor to demonstrate that the substitute is an equivalent to the specified product or material. Unlike the bidding phase, we would require that the substitute result in a savings to the project or increased performance without additional cost for our recommendation to the owner for acceptance. After the shop drawings are accepted, we do not accept any substitutions not specifically requested by the owner.**
- 5.7 How will your firm provide consistent and continuous communication pertaining to project activities and project status to the State of Michigan during the progress of projects?  
**In addition to conventional forms of project communication (i.e. telephone, email, etc.), we will also hold Phase Kickoff meetings to summerize our progress for the previous phase and to lay out a schedule and work plan for our upcoming phase and the remainder for the project. Our procedures for communication and meetings are outlined in greater detail in Section II-3 Management Summary, Work Plan and Schedule in our proposal.**
- 5.8 Does your company have an FTP or similar site for quick posting and distribution of information, drawings, field inspection reports, and other communications?
- Yes  No
- 5.9 Describe your method of estimating construction costs and demonstrate the validity of that method.  
**We primarily utilize Michigan's Engineers' Resource Library (MERL) when developing constructon estimates. Once an estimate has been developed, we submit it to our expienced construction team to work the project in reverse order to ensure that the estimate is complete, realistic and constructable.**
- 5.10 Describe your approach to minimizing construction cost over-runs.  
**Depending up on the size and scale of the project as well as the construction activities taking place, Wolverine requires the contractor to track construction costs to be presented in report form at a weekly, bi-weekly or monthly progress meeting. These reports are then reviewed by our field inspectors and then sent to the project manager for final review and pay application (if necessary).**
- 5.11 What percentage of the PSC cost should be devoted to construction administration (office and field)?  
**Construction Administration costs will vary in relation to the project type and construction costs. Typical Construction Adminstration costs would range from approximately 9% (for larger projects) and 15% (for smaller projects) of construction costs.**

- 5.12 What portion of the assigned work will be performed with your staff and what portion will be provided by sub-consultants?  
**Typically, our subcontracted work is less than 10 %**
- 5.13 On a typical project, what would be your response time, from the time receive a project assignment to starting investigation and design work? (A typical project might be one involving several disciplines and in the neighborhood of a \$25,000 fee.)  
**Typically, it takes 3 days to prepare a quote and the start of work will take 3 days from notice to proceed**
- 5.14 How do you assess whether a construction bidder is responsive and responsible?  
**The Bidder's proposal must be reviewed carefully to determine if every item in the bid documents are addressed and included in their proposal. Special attention must be made to identify inconsistencies or any otherwise vague or misleading statements or quotations. Should any be identified, the bidder would not be responsive or responsible.**
- 5.15 Describe your firm's understanding of Sustainable Design and LEED Certification.  
**Wolverine applies environmental sustainability to all of our designs. Although our typical projects are not eligible for LEED accreditation, we make every effort to reduce our project's environmental footprint. Our efforts include lessening the impacts of stormwater runoff, reuse of existing materials and equipment when possible, and use of recycled project materials such as crushing asphalt roadways and utilizing the material as roadway subbase material in the new pavement. Our architect, Hobbs+Black, employs several LEED accredited professionals for our reference in appropriate situations.**
- 5.16 Describe your experience with similar open-ended contracts.  
**Wolverine was issued an ISID contract from the State of Michigan in 2012 and successfully provided services for several projects as part of the ISID contract. Wolverine also has open-ended contracts with several private companies and municipalities such as the Cities of East Lansing and Ann Arbor that are very similar in scope to the ISID contract. Many of these relationships span decades which would attest to the quality of work that we continually provide.**
- 5.17 Describe your methodology for obtaining information about the existence and condition of an existing, facility's components and systems.  
**When tasked with a new project Wolverine staff would first perform a site walkthrough and present a formal request to the client for any existing information, plans, correspondence, etc. for the project. Once the project has been sufficiently investigated, Wolverine would then schedule interviews with the client staff that have knowledge of the history of the subject project to fill in any gaps of information. More intensive investigations may be necessary depending upon the circumstances.**
- 5.18 Describe your approach to securing permits/approvals for the following: campgrounds, critical dunes, coastal zone management, projects adjacent to Michigan lakes and rivers.  
**The process of securing permits and approvals for Campgrounds (under the Public Health Code, 1978 PA 368), Critical Dunes and Coastal Zone Management (both under the Natural Resources and Environmental Protection Act, 1994 PA 451) are similar in that they require a detailed application with supporting documents including plans sealed by a professional engineer and application fees. The campground permit application is then submitted to the DEQ to undergo an internal process not much different than a typical building permit application. Critical Dunes permits require additional steps which vary based on project type and size. These additional steps may include pre-application meetings at the site or district office, topographical survey and site plan. The coastal zone management program was created as an envelope program to cover wetlands, critical dunes, etc. and does not have a specific permit application**

- 5.19 Describe your approach to a construction contractor's request for additional compensation for a change in the project scope.

**Wolverine would first verify that this situation is a change of project scope and not an item that was included in the contractor's bid or at least should have been. Billing rates for common change order (CO) items are typically included in the contractor's base bid; however, situations do arise where a change in scope requires new billing items. If the contractor provides a fair and timely CO request, Wolverine would simply recommend that our client approve it and move on. If the CO request is not fair, Wolverine would then attempt to negotiate a fair CO with the contractor. After all other attempts at fair negotiations have failed, Wolverine would send the change in scope work out for bid to other contractors as a last resort.**

## 2019 Indefinite-Scope Indefinite-Delivery

### PART II - COST



Prepared for: Mr. Tim Hall  
Department of Technology, Management and Budget  
Facilities and Business Services Administration  
Design and Construction Division  
3111 West St. Joseph Street  
Lansing, Michigan 48917

Prepared By: Donald B. Heck, P.E.  
Wolverine Engineers and  
Surveyors, Inc

January 14, 2019



C.

100 1919 - 2019  
years



**POSITION, CLASSIFICATION AND EMPLOYEE BILLING RATE INFORMATION**

2019 Indefinite-Scope Indefinite-Delivery – Request for Proposal  
 General Professional Design Services  
 (Architecture, Engineering, Landscape Architecture)

<b>Firm Name</b>	<b>Wolverine Engineers and Surveyors, Inc.</b>
<b>Yearly Hourly Billing Rate Increase</b>	<b>4%</b>
<b>Mark-up for Sub-Consultants (not to exceed 5%)</b>	<b>5%</b>
<b>Mark-up for Reimbursables (not to exceed 5%)</b>	<b>5%</b>

Employee(s) Name	Position/Classification	Year 1	Year 2	Year 3	Year 4
		Donald B. Heck, P.E. **	Project Manager	\$120.00	\$124.80
Joseph White, P.E. **	Senior Engineer	\$120.00	\$124.80	\$129.80	\$134.98
Don Bendzinski, P.S. **	Survey Manager	\$120.00	\$124.80	\$129.80	\$134.98
Dan Wisinski **	Field Services MGR	\$120.00	\$124.80	\$129.80	\$134.98
Wolverine Survey Crew-Person	Survey Crew	\$80.00	\$83.20	\$86.53	\$89.99
Jesse Lewter	Drafting	\$85.00	\$88.40	\$91.94	\$95.62
Patrick Turner	Construction Inspection	\$70.00	\$72.80	\$75.71	\$78.74
Martin Sekrenes	Constructability Tech	\$85.00	\$88.40	\$91.94	\$95.62
Matt Brinkoetter	Construction Inspection	\$70.00	\$72.80	\$75.71	\$78.74
Lori Raymond	Drafting and Surveying	\$85.00	\$88.40	\$91.94	\$95.62
Gary Marx	Wetland Delineation	\$120.00	\$124.80	\$129.80	\$134.98

\*Billing Rate will be in accordance with the attached guideline page for instructions regarding the "Overhead Items used for Professional Billing Rate Calculation," and the attached "Sample Standard Contract for Professional Services," Article 5, Compensation Text.

\*\* Key Project Personnel

**APPENDIX I**  
**RESUMES**

**APPENDIX II**  
**PROJECT EXPERIENCE LISTS**

**SANITARY SEWER, STORM SEWER & WATER  
MASTER PLAN PROJECTS**

<b>CLIENTS</b>	<b>DESCRIPTION</b>
Village of Jonesville	Water Reliability Study
Village of Bellevue	Water Reliability Study
Village of Jonesville	L DFA Mapping
City of Mason	Water Reliability Study
Village of Sunfield	Water Reliability Study
Village of Fowlerville	Water Reliability Study
City of Olivet	Water Reliability Study
Village of Caseville	Water Reliability Study
Village of Bancroft	Water Reliability Study
City of Olivet	Sewer Lagoon Wetland Delineation
Village of Fowlerville	Water Reliability Study
City of St. Johns	Street Master Plan
City of Litchfield	Street Prioritization Program
City of Mason	Water System, SCADA
Village of Pigeon	Water Reliability Study
City of Olivet	Water Reliability Study
City of Mason	Water System Report
Village of Stockbridge	Water Reliability Study
Delhi Charter Township	WWTP Digester Repair
City of Mason	Computer Utility Maps
Village of Sebawaing	Utility Maps
Delhi Charter Township	Odor Control/Grit Handling-WWTP
City of Mason	Utility & Property Maps
City of Olivet	Comm. Master Plan
Village of Lake Odessa	Utility Maps
Village of Bellevue	Water Map
George Platsis	Battle Creek Industrial Site Drainage Study
Village of Stockbridge	WWTP Lagoon Exp.
City of East Lansing	Sanderson Drain Flood Plain Study

**WATER PROJECTS COMPLETED  
OR IN PROGRESS**

<b>CLIENTS</b>	<b>DESCRIPTION</b>	<b>COST</b>
City of Mason	Franklin Farm Drive Ext./Watermain	\$1,179,800
Village of Waldron	15,000 l.f. of 6", 8" & 12" Watermain, 100,000 Gallon Water Tower	\$1,900,000
Port Hope-Gore-Rubicon Utilities Authority	Dean/Huron Street Watermain	\$272,000
Village of Bellevue	Jackson Street Watermain Extension	\$310,000
Village of Camden	20,340 l.f. of 6", 8" & 12" Watermain	\$2,000,000
City of Mason	WTP-Watermain Extension	\$1,870,000
Village of Dansville	100,000 Gallon Water Tower	\$465,000
Village of Fowlerville	N. Grand Avenue Watermain	\$85,000
Village of Caseville	Water Intake in Lake Huron	\$2,566,520
Village of Caseville	Maple Street Watermain	\$140,000
Village of Fowlerville	500,000 Gallon Water Tower	\$830,000
Village of Dansville	2,550 l.f. of 8" & 12" Watermain	\$158,000
City of Mason	Temple Street Watermain	\$410,000
Village of Bancroft	100,000 Gallon Water Tower	\$476,000
Village of Lake Odessa	500,000 Gal. Water Tower and Watermain	\$650,000
City of Mason	Water Tower – North Side	\$746,000
City of Mason	Kipp Rd. Watermain	\$100,000
City of Olivet	300,000 Gallon Water Tower	\$568,500
Village of Lake Odessa	3,685 l.f. of 6", 8" & 12" Watermain	\$220,000
City of Olivet	1,250 l.f. of 12" Watermain	\$70,000
Village of Sebawaing	1,070 l.f. of 12" Watermain	\$130,000
Village of Lake Odessa	19,060 l.f. of 6", 8" & 12" Watermain	\$530,000
Huron Township	57,695 l.f. of 6", 8" & 12" Watermain	\$2,500,000

**WASTEWATER TREATMENT FACILITIES/LAGOON SYSTEMS**

<b>CLIENT</b>	<b>PROJECT DESCRIPTION</b>	<b>COST</b>
Lakewood Waste Water Authority	Wastewater Treatment Plant Improvements	\$8,000,000
City of Alma	Wastewater Treatment Plant Improvements	\$200,000
Village of Bellevue	Wastewater Treatment Plant Improvements	\$1,284,400
Village of Fowlerville	Wastewater Treatment Plant Improvements	\$5,000,000
Village of Pigeon	Municipal Lagoon Expansion	\$670,000
Lakewood Waste Water Authority	Wastewater Treatment Plant Improvements	\$1,700,000
Delhi Charter Township	Wastewater Treatment Plant Expansion	\$2,500,000
Windsor Township	Wastewater Treatment Plant Expansion	\$1,100,000
Village of Bellevue	Wastewater Treatment Plant Expansion	\$1,198,000
City of Mason	Wastewater Treatment Plant Expansion - Design	\$6,000,000 Estimated
Village of Dimondale	Wastewater Treatment Expansion	\$3,800,000
Delhi Charter Township	Wastewater Treatment Expansion	\$8,000,000
Lakewood Wastewater Authority	WWTP Lagoon Expansion	\$775,000
Village of Caseville	Wastewater Treatment Plant	\$5,500,000
Lakewood Wastewater Authority	Wastewater Treatment Plant	\$9,800,000

**WELLHEAD DELINEATION PROJECTS  
AND  
WELL ABANDONMENT PROJECTS**

<b>CLIENTS</b>	<b>DESCRIPTION</b>	<b>COST</b>
City of Mason	Well Head Protection Map	\$5,000
City of Olivet	Wellhead Protection Update	\$7,500
City of Litchfield	Well Abandonment	\$35,000
City of Olivet	Well Abandonment	\$47,000
City of Litchfield	Adams Rd. WHPA Delineation	\$20,000
City of Olivet	Wellhead Protection Area Delineation	\$6,250
Village of Fowlerville	Wellhead Protection Area Delineation	\$5,400

**WATER TREATMENT PLANTS  
IRON/ARSENIC REMOVAL PLANTS**

<b>CLIENT</b>	<b>PROJECT DESCRIPTION</b>	<b>COST</b>
Village of Waldron	Iron Removal Plant	\$442,500
Village of Camden	Iron Removal Plant	\$334,000
Village of Bancroft	Iron/Arsenic Removal Plant	\$324,000
City of Mason	Drinking Water Plant	\$7,642,885
Village of Caseville	Lake Intake/Sand Filtration	\$2,566,520
Village of Lake Odessa	Iron Removal Plant	\$1,047,000
Village of Caseville	Water Plant/Microfiltration	\$1,890,000
Allegan Co. BPW Village of Douglas	Iron Removal Plant	\$590,000
Village of Caseville	Water Plant	\$2,072,000
Village of Lake Odessa	Iron Removal Plant	\$397,000
Village of Bellevue	Iron Removal Plant	\$382,000





**APPENDIX 3**

**PROFESSIONAL CERTIFICATION FORMS**



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
Facilities and Business Services Administration
Design & Construction Division

Certification of a Michigan Based Business

(Information Required Prior to Contract Award for Application of State Preference/Reciprocity Provisions)

To qualify as a Michigan business:

Vendor must have, during the 12 months immediately preceding this bid deadline:

or

If the business is newly established, for the period the business has been in existence, it has:

(check all that apply):

- Filed a Michigan single business tax return showing a portion or all of the income tax base allocated or apportioned to the State of Michigan pursuant to the Michigan Single Business Tax Act, 1975 PA 228, MCL 208.1 - 208.145; or
Filed a Michigan income tax return showing income generated in or attributed to the State of Michigan; or
Withheld Michigan income tax from compensation paid to the bidder's owners and remitted the tax to the Department of Treasury; or

I certify that I have personal knowledge of such filing or withholding, that it was more than a nominal filing for the purpose of gaining the status of a Michigan business, and that it indicates a significant business presence in the state, considering the size of the business and the nature of its activities.

I authorize the Michigan Department of Treasury to verify that the business has or has not met the criteria for a Michigan business indicated above and to disclose the verifying information to the procuring agency.

Bidder shall also indicate one of the following:

- Bidder qualifies as a Michigan business (provide zip code: \_\_\_\_\_)
Bidder does not qualify as a Michigan business (provide name of State: \_\_\_\_\_).
Principal place of business is outside the State of Michigan, however service/commodity provided by a location within the State of Michigan (provide zip code: \_\_\_\_\_)

Bidder: \_\_\_\_\_

Authorized Agent Name (print or type)

Authorized Agent Signature & Date

Fraudulent Certification as a Michigan business is prohibited by MCL 18.1268 § 268. A BUSINESS THAT PURPOSELY OR WILLFULLY SUBMITS A FALSE CERTIFICATION THAT IT IS A MICHIGAN BUSINESS OR FALSELY INDICATES THE STATE IN WHICH IT HAS ITS PRINCIPAL PLACE OF BUSINESS IS GUILTY OF A FELONY, PUNISHABLE BY A FINE OF NOT LESS THAN \$25,000 and subject to debarment under MCL 18.264.



**DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET**  
**Facilities and Business Services Administration**  
**Design & Construction Division**

## Responsibility Certification

The bidder certifies to the best of its knowledge and belief that, within the past three (3) years, the bidder, an officer of the bidder, or an owner of a 25% or greater interest in the bidder:

- (a) Has not been convicted of a criminal offense incident to the application for or performance of a contract or subcontract with the State of Michigan or any of its agencies, authorities, boards, commissions, or departments.
- (b) Has not had a felony conviction in any state (including the State of Michigan).
- (c) Has not been convicted of a criminal offense which negatively reflects on the bidder's business integrity, including but not limited to, embezzlement, theft, forgery, bribery, falsification, or destruction of records, receiving stolen property, negligent misrepresentation, price-fixing, bid-rigging, or a violation of state or federal anti-trust statutes.
- (d) Has not had a loss or suspension of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.
- (e) Has not been terminated for cause by the Owner.
- (f) Has not failed to pay any federal, state, or local taxes.
- (g) Has not failed to comply with all requirements for foreign corporations.
- (h) Has not been debarred from participation in the bid process pursuant to Section 264 of 1984 PA 431, as amended, MCL 18.1264, or debarred or suspended from consideration for award of contracts by any other State or any federal Agency.
- (i) Has not been convicted of a criminal offense or other violation of other state or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of DTMB indicates that the bidder is unable to perform responsibly or which reflects a lack of integrity that could negatively impact or reflect upon the State of Michigan, including but not limited to, any of the following offenses under or violations of:
  - i. The Natural Resources and Environmental Protection Act, 1994 PA 451, MCL 324.101 to 324.90106.
  - ii. A persistent and knowing violation of the Michigan Consumer Protection Act, 1976 PA 331, MCL 445.901 to 445.922.
  - iii. 1965 PA 166, MCL 408.551 to 408.558 (law relating to prevailing wages on state projects) and a finding that the bidder failed to pay the wages and/or fringe benefits due within the time period required.
  - iv. Repeated or flagrant violations of 1978 PA 390 MCL 408.471 to 408.490 (law relating to payment of wages and fringe benefits).
  - v. A willful or persistent violation of the Michigan Occupational Health and Safety Act, 1974, PA 154, MCL 408.10001 to 408.1094, including: a criminal conviction, repeated willful violations that are final orders, repeated violations that are final orders, and failure to abate notices that are final orders.
  - vi. A violation of federal or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
  - vii. Been found in contempt of court by a Federal Court of Appeals for failure to correct an unfair labor practice as prohibited by Section 8 of Chapter 372 of the National Labor Relations Act, 29 U. s. C. 158 (1980 PA 278, as amended, MCL 423.321 et seq).
- (j) Is NOT an Iran linked business as defined in MCL 129.312.

**I understand that a false statement, misrepresentation, or concealment of material facts on this certification may be grounds for rejection of this proposal or termination of the award and may be grounds for debarment.**

Bidder:

Authorized Agent Name (print or type)

\_\_\_\_\_  
 Authorized Agent Signature & Date

I am unable to certify to the above statements. My explanation is attached.

**APPENDIX 4**

**OVERHEAD ITEMS ALLOWED FOR THE  
PROFESSIONAL SERVICES CONTRACTOR FIRM'S  
HOURLY BILLING RATE CALCULATION**

The following instructions are to be used by the Professional Services Contractor firms to determine the hourly billing rate to use on State of Michigan Projects.

The Professional's Consultant must submit a separate hourly billing rate for the professional Consultant services they will provide for State of Michigan Projects. A moderate mark-up of the Professional's Consultant services hourly billing rates will be allowed.

The Department will reimburse the Professional for the actual cost of printing and reproduction of the Contract Bidding Documents, soil borings, surveys and any required laboratory testing services and use of field equipment. No mark-up of these Project costs will be allowed.

## **2019 HOURLY BILLING RATE** Based on 2018 Expenses

### **OVERHEAD ITEMS ALLOWED FOR THE PROFESSIONAL SERVICES CONTRACTOR FIRM'S HOURLY BILLING RATE CALCULATION**

SALARIES:

Principals (Not Project Related)  
Clerical/Secretarial  
Technical (Not Project Related)  
Temporary Help  
Technical Training  
Recruiting Expenses

OFFICE FACILITIES:

Rents and Related Expenses  
Utilities  
Cleaning and Repair

SUPPLIES:

Postage  
Drafting Room Supplies  
Documents)  
General Office Supplies  
Library  
Maps and Charts  
Magazine Subscriptions

SERVICES (PROFESSIONAL):

Accounting  
Legal  
Employment Fees  
Computer Services  
Research

FINANCIAL:

Depreciation

EQUIPMENT RENTALS:

Computers  
Typewriter  
Bookkeeping  
Dictating  
Printing  
Furniture and Fixtures  
Instruments

TRAVEL:

All Project-Related Travel\*

MISCELLANEOUS:

Professional Organization Dues  
for Principals and Employees  
Licensing Fees

SERVICES (NONPROFESSIONAL):

Telephone and Telegram  
Messenger Services

TAXES:

Franchise Taxes  
Occupancy Tax  
Unincorporated Business Tax  
Property Tax  
Single Business Tax  
Income Tax

INSURANCE:

Professional Liability Insurance  
Flight and Commercial Vehicle  
Valuable Papers  
Office Liability  
Office Theft  
Premises Insurance  
Key-Personnel Insurance

EMPLOYEE BENEFITS:

Hospitalization  
Employer's F.I.C.A. Tax  
Unemployment Insurance  
Federal Unemployment Tax  
Disability  
Worker's Compensation  
Vacation  
Holidays  
Sick Pay  
Medical Payments  
Pension Funds  
Insurance - Life  
Retirement Plans

PRINTING AND DUPLICATION:

Specifications (other than Contract Bidding  
Drawings (other than Contract Bidding Documents)  
Xerox/Reproduction  
Photographs

LOSSES:

Bad Debts (net)  
Uncollectible Fee  
Thefts (not covered by Project/Contract bond)  
Forgeries (not covered by Project/Contract bond)

<b>DEPARTMENT OF TECHNOLOGY, MANAGEMENT &amp; BUDGET,          VEHICLE AND TRAVEL SERVICES          SCHEDULE OF TRAVEL RATES FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES          Effective October 1, 2021</b>
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**MICHIGAN SELECT CITIES \***

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$24.25	\$27.25

**MICHIGAN IN-STATE ALL OTHER**

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$ 8.50	\$11.50
Lunch	\$ 8.50	\$11.50
Dinner	\$19.00	\$22.00
<b>Per Diem</b>	<b>\$87.00</b>	
Lodging	\$51.00	
Breakfast	\$ 8.50	
Lunch	\$ 8.50	
Dinner	\$19.00	

**OUT-OF-STATE SELECT CITIES \***

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$13.00	\$16.00
Lunch	\$13.00	\$16.00
Dinner	\$25.25	\$28.25

**OUT-OF-STATE ALL OTHER**

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$23.50	\$26.50
<b>Per Diem</b>	<b>\$95.00</b>	
Lodging	\$51.00	
Breakfast	\$10.25	
Lunch	\$10.25	
Dinner	\$23.50	

Incidental Costs Per Day (with overnight stay)    \$5.00

**Mileage Rates**

Premium Rate	\$0.560 per mile
Standard Rate	\$0.360 per mile

\* See Select Cities Listing

\*\* Lodging available at State rate, or call Conlin Travel at 877-654-2179 or [www.somtravel.com](http://www.somtravel.com)

**SELECT HIGH COST CITY LIST**

**TRAVEL RATE REIMBURSEMENT FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES**

**Effective October 1, 2021**

**Michigan Select Cities/Counties**

<b><u>Cities</u></b>	<b><u>Counties</u></b>
Ann Arbor, Auburn Hills, Detroit, Grand Rapids, Holland, Leland, Mackinac Island, Petoskey, Pontiac, South Haven, Traverse City	All of Grand Traverse, Oakland and Wayne

**Out of State Select Cities/Counties**

<b><u>State</u></b>	<b><u>City/County</u></b>	<b><u>State</u></b>	<b><u>City/County</u></b>
Arizona	Phoenix, Scottsdale, Sedona	Maine	Bar Harbor, Kennebunk, Kittery, Rockport, Sanford
California	Los Angeles (Los Angeles, Orange, Mendocino & Ventura Counties, and Edwards AFB), Eureka, Arcata, Mckinleyville, Mammoth Lakes, Mill Valley, San Rafael, Novato, Monterey, Palm Springs, San Diego, San Francisco, Santa Barbara, Santa Monica, South Lake Tahoe, Truckee, Yosemite National Park	Maryland	Counties of Montgomery & Prince Georges, Baltimore City, Ocean City
		Massachusetts	Boston (Suffolk), Burlington, Cambridge, Woburn, Martha's Vineyard
		Minnesota	Duluth, Minneapolis/St. Paul (Hennepin and Ramsey Counties)
		Nevada	Las Vegas
		New Mexico	Santa Fe
Colorado	Aspen, Breckenridge, Grand Lake, Silverthorne, Steamboat Springs, Telluride, Vail	New York	Lake Placid, Manhattan (the borough of Manhattan, Brooklyn, Bronx, Queens and Staten Island), Riverhead, Ronkonkoma, Melville, Suffolk County, Tarrytown, White Plains, New Rochelle
Connecticut	Bridgeport, Danbury	Ohio	Cincinnati
District of Columbia	Washington DC (also the cities of Alexandria, Falls Church and Fairfax, and the counties of Arlington and Fairfax, in Virginia; and the counties of Montgomery and Prince George's in Maryland) (See also Maryland and Virginia)	Pennsylvania	Bucks County, Pittsburgh
Florida	Boca Raton, Delray Beach, Jupiter, Fort Lauderdale, Key West	Rhode Island	Bristol, Jamestown/Middletown/Newport (Newport County) Providence
Georgia	Jekyll Island, Brunswick	Texas	Austin, Dallas, Houston, L.B. Johnson Space Center
Idaho	Sun Valley, Ketchum	Utah	Park City (Summit County)
Illinois	Chicago (Cook and Lake counties)	Vermont	Manchester, Montpelier, Stowe (Lamoille County)
Kentucky	Kenton	Virginia	Alexandria, Falls Church, Fairfax
Louisiana	New Orleans	Washington	Port Angeles, Port Townsend, Seattle
		Wyoming	Jackson, Pinedale

**APPENDIX 5**

**CERTIFICATES OF INSURANCE**





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/3/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Professional Concepts Insurance Agency, Inc. 1127 South Old US Highway 23  Brighton MI 48114-9861	<b>CONTACT NAME:</b> certs@pciaonline.com <b>PHONE (A/C, No, Ext):</b> (800)969-4041 <b>E-MAIL ADDRESS:</b> certs@pciaonline.com	<b>FAX (A/C, No):</b> (800)969-4081	
	<b>INSURER(S) AFFORDING COVERAGE</b>		
<b>INSURED</b> Wolverine Engineers & Surveyors, Inc. 312 North St  Mason MI 48854-1169	<b>INSURER A:</b> Hartford Insurance Co.		<b>NAIC #</b> 00914
	<b>INSURER B:</b> AXA XL		37885
	<b>INSURER C:</b>		
	<b>INSURER D:</b>		
	<b>INSURER E:</b>		
	<b>INSURER F:</b>		

**COVERAGES**

CERTIFICATE NUMBER: 22-23

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability <input checked="" type="checkbox"/> X,C,U GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			35SBWAF8XA5	6/1/2022	6/1/2023	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			35UEGBN9340	6/1/2022	6/1/2023	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
							Hired & Non-Owned	\$ 1,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> RETENTION \$ 10,000			35SBWAF8XA5	6/1/2022	6/1/2023	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			35WEGAF8XM8	6/1/2022	6/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
B	Professional Liability			DPR9994135	6/1/2022	6/1/2023	Per Claim	\$ 2,000,000
							Aggregate	\$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re:SID #00842

Indefinite-Scope, Indefinite-Delivery Contract.

Provide professional services, technical staff, and support personnel for ISID minor projects on an as-needed basis at various State/Client Agencies within various locations as defined by the State of Michigan.

State of Michigan is named as Additional Insured as respects to the General Liability Policy and would

**CERTIFICATE HOLDER****CANCELLATION**

State of Michigan  
 3111 West Joseph Street  
 Lansing, MI 48917

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mike Cosgrove/KATHRY

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ACORD 25 (2014/01)

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INS025 (201401)

## COMMENTS/REMARKS

apply so long as required within a written contract.

# **BUSINESS LIABILITY COVERAGE FORM**

**QUICK REFERENCE  
BUSINESS LIABILITY COVERAGE FORM  
READ YOUR POLICY CAREFULLY**

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# BUSINESS LIABILITY COVERAGE FORM

Various provisions in this policy restrict coverage. Read the entire policy carefully to determine rights, duties and what is and is not covered.

Throughout this policy the words "you" and "your" refer to the Named Insured shown in the Declarations. The words "we", "us" and "our" refer to the stock insurance company member of The Hartford providing this insurance.

The word "insured" means any person or organization qualifying as such under Section **C.** - Who Is An Insured.

Other words and phrases that appear in quotation marks have special meaning. Refer to Section **G.** - Liability And Medical Expenses Definitions.

## A. COVERAGES

### 1. BUSINESS LIABILITY COVERAGE (BODILY INJURY, PROPERTY DAMAGE, PERSONAL AND ADVERTISING INJURY)

#### Insuring Agreement

- a. We will pay those sums that the insured becomes legally obligated to pay as damages because of "bodily injury", "property damage" or "personal and advertising injury" to which this insurance applies. We will have the right and duty to defend the insured against any "suit" seeking those damages. However, we will have no duty to defend the insured against any "suit" seeking damages for "bodily injury", "property damage" or "personal and advertising injury" to which this insurance does not apply.

We may, at our discretion, investigate any "occurrence" or offense and settle any claim or "suit" that may result. But:

- (1) The amount we will pay for damages is limited as described in Section **D.** - Liability And Medical Expenses Limits Of Insurance; and
- (2) Our right and duty to defend ends when we have used up the applicable limit of insurance in the payment of judgments, settlements or medical expenses to which this insurance applies.

No other obligation or liability to pay sums or perform acts or services is covered unless explicitly provided for under Coverage Extension - Supplementary Payments.

- b. This insurance applies:

- (1) To "bodily injury" and "property damage" only if:

(a) The "bodily injury" or "property damage" is caused by an "occurrence" that takes place in the "coverage territory";

(b) The "bodily injury" or "property damage" occurs during the policy period; and

(c) Prior to the policy period, no insured listed under Paragraph 1. of Section **C.** - Who Is An Insured and no "employee" authorized by you to give or receive notice of an "occurrence" or claim, knew that the "bodily injury" or "property damage" had occurred, in whole or in part. If such a listed insured or authorized "employee" knew, prior to the policy period, that the "bodily injury" or "property damage" occurred, then any continuation, change or resumption of such "bodily injury" or "property damage" during or after the policy period will be deemed to have been known prior to the policy period.

(2) To "personal and advertising injury" caused by an offense arising out of your business, but only if the offense was committed in the "coverage territory" during the policy period.

c. "Bodily injury" or "property damage" will be deemed to have been known to have occurred at the earliest time when any insured listed under Paragraph 1. of Section **C.** - Who Is An Insured or any "employee" authorized by you to give or receive notice of an "occurrence" or claim:

(1) Reports all, or any part, of the "bodily injury" or "property damage" to us or any other insurer;

## BUSINESS LIABILITY COVERAGE FORM

- (2) Receives a written or verbal demand or claim for damages because of the "bodily injury" or "property damage"; or
  - (3) Becomes aware by any other means that "bodily injury" or "property damage" has occurred or has begun to occur.
- d. Damages because of "bodily injury" include damages claimed by any person or organization for care, loss of services or death resulting at any time from the "bodily injury".

### e. Incidental Medical Malpractice

- (1) "Bodily injury" arising out of the rendering of or failure to render professional health care services as a physician, dentist, nurse, emergency medical technician or paramedic shall be deemed to be caused by an "occurrence", but only if:
  - (a) The physician, dentist, nurse, emergency medical technician or paramedic is employed by you to provide such services; and
  - (b) You are not engaged in the business or occupation of providing such services.
- (2) For the purpose of determining the limits of insurance for incidental medical malpractice, any act or omission together with all related acts or omissions in the furnishing of these services to any one person will be considered one "occurrence".

## 2. MEDICAL EXPENSES

### Insuring Agreement

- a. We will pay medical expenses as described below for "bodily injury" caused by an accident:
  - (1) On premises you own or rent;
  - (2) On ways next to premises you own or rent; or
  - (3) Because of your operations;provided that:
  - (1) The accident takes place in the "coverage territory" and during the policy period;
  - (2) The expenses are incurred and reported to us within three years of the date of the accident; and
  - (3) The injured person submits to examination, at our expense, by physicians of our choice as often as we reasonably require.

- b. We will make these payments regardless of fault. These payments will not exceed the applicable limit of insurance. We will pay reasonable expenses for:

- (1) First aid administered at the time of an accident;
- (2) Necessary medical, surgical, x-ray and dental services, including prosthetic devices; and
- (3) Necessary ambulance, hospital, professional nursing and funeral services.

## 3. COVERAGE EXTENSION - SUPPLEMENTARY PAYMENTS

- a. We will pay, with respect to any claim or "suit" we investigate or settle, or any "suit" against an insured we defend:
  - (1) All expenses we incur.
  - (2) Up to \$1,000 for the cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which Business Liability Coverage for "bodily injury" applies. We do not have to furnish these bonds.
  - (3) The cost of appeal bonds or bonds to release attachments, but only for bond amounts within the applicable limit of insurance. We do not have to furnish these bonds.
  - (4) All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.
  - (5) All costs taxed against the insured in the "suit".
  - (6) Prejudgment interest awarded against the insured on that part of the judgment we pay. If we make an offer to pay the applicable limit of insurance, we will not pay any prejudgment interest based on that period of time after the offer.
  - (7) All interest on the full amount of any judgment that accrues after entry of the judgment and before we have paid, offered to pay, or deposited in court the part of the judgment that is within the applicable limit of insurance.

Any amounts paid under (1) through (7) above will not reduce the limits of insurance.

b. If we defend an insured against a "suit" and an indemnitee of the insured is also named as a party to the "suit", we will defend that indemnitee if all of the following conditions are met:

- (1) The "suit" against the indemnitee seeks damages for which the insured has assumed the liability of the indemnitee in a contract or agreement that is an "insured contract";
- (2) This insurance applies to such liability assumed by the insured;
- (3) The obligation to defend, or the cost of the defense of, that indemnitee, has also been assumed by the insured in the same "insured contract";
- (4) The allegations in the "suit" and the information we know about the "occurrence" are such that no conflict appears to exist between the interests of the insured and the interest of the indemnitee;
- (5) The indemnitee and the insured ask us to conduct and control the defense of that indemnitee against such "suit" and agree that we can assign the same counsel to defend the insured and the indemnitee; and
- (6) The indemnitee:
  - (a) Agrees in writing to:
    - (i) Cooperate with us in the investigation, settlement or defense of the "suit";
    - (ii) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the "suit";
    - (iii) Notify any other insurer whose coverage is available to the indemnitee; and
    - (iv) Cooperate with us with respect to coordinating other applicable insurance available to the indemnitee; and
  - (b) Provides us with written authorization to:
    - (i) Obtain records and other information related to the "suit"; and
    - (ii) Conduct and control the defense of the indemnitee in such "suit".

So long as the above conditions are met, attorneys' fees incurred by us in the defense of that indemnitee, necessary litigation expenses incurred by us and necessary litigation expenses incurred by the indemnitee at our request will be paid as Supplementary Payments.

Notwithstanding the provisions of Paragraph **1.b.(b)** of Section **B.** – Exclusions, such payments will not be deemed to be damages for "bodily injury" and "property damage" and will not reduce the Limits of Insurance.

Our obligation to defend an insured's indemnitee and to pay for attorneys' fees and necessary litigation expenses as Supplementary Payments ends when:

- (1) We have used up the applicable limit of insurance in the payment of judgments or settlements; or
- (2) The conditions set forth above, or the terms of the agreement described in Paragraph (6) above, are no longer met.

**B. EXCLUSIONS**

**1. Applicable To Business Liability Coverage**

This insurance does not apply to:

**a. Expected Or Intended Injury**

- (1) "Bodily injury" or "property damage" expected or intended from the standpoint of the insured. This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property; or
- (2) "Personal and advertising injury" arising out of an offense committed by, at the direction of or with the consent or acquiescence of the insured with the expectation of inflicting "personal and advertising injury".

**b. Contractual Liability**

- (1) "Bodily injury" or "property damage"; or
- (2) "Personal and advertising injury"

for which the insured is obligated to pay damages by reason of the assumption of liability in a contract or agreement.

This exclusion does not apply to liability for damages because of:

- (a) "Bodily injury", "property damage" or "personal and advertising injury" that the insured would have in the absence of the contract or agreement; or

## BUSINESS LIABILITY COVERAGE FORM

(b) "Bodily injury" or "property damage" assumed in a contract or agreement that is an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution of the contract or agreement. Solely for the purpose of liability assumed in an "insured contract", reasonable attorneys' fees and necessary litigation expenses incurred by or for a party other than an insured are deemed to be damages because of "bodily injury" or "property damage" provided:

- (i) Liability to such party for, or for the cost of, that party's defense has also been assumed in the same "insured contract", and
- (ii) Such attorneys' fees and litigation expenses are for defense of that party against a civil or alternative dispute resolution proceeding in which damages to which this insurance applies are alleged.

### c. Liquor Liability

"Bodily injury" or "property damage" for which any insured may be held liable by reason of:

- (1) Causing or contributing to the intoxication of any person;
- (2) The furnishing of alcoholic beverages to a person under the legal drinking age or under the influence of alcohol; or
- (3) Any statute, ordinance or regulation relating to the sale, gift, distribution or use of alcoholic beverages.

This exclusion applies only if you are in the business of manufacturing, distributing, selling, serving or furnishing alcoholic beverages.

### d. Workers' Compensation And Similar Laws

Any obligation of the insured under a workers' compensation, disability benefits or unemployment compensation law or any similar law.

### e. Employer's Liability

"Bodily injury" to:

- (1) An "employee" of the insured arising out of and in the course of:
  - (a) Employment by the insured; or

(b) Performing duties related to the conduct of the insured's business, or

- (2) The spouse, child, parent, brother or sister of that "employee" as a consequence of (1) above.

This exclusion applies:

- (1) Whether the insured may be liable as an employer or in any other capacity; and
- (2) To any obligation to share damages with or repay someone else who must pay damages because of the injury.

This exclusion does not apply to liability assumed by the insured under an "insured contract".

### f. Pollution

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of "pollutants":

(a) At or from any premises, site or location which is or was at any time owned or occupied by, or rented or loaned to any insured. However, this subparagraph does not apply to:

- (i) "Bodily injury" if sustained within a building and caused by smoke, fumes, vapor or soot produced by or originating from equipment that is used to heat, cool or dehumidify the building, or equipment that is used to heat water for personal use, by the building's occupants or their guests;

- (ii) "Bodily injury" or "property damage" for which you may be held liable, if you are a contractor and the owner or lessee of such premises, site or location has been added to your policy as an additional insured with respect to your ongoing operations performed for that additional insured at that premises, site or location and such premises, site or location is not and never was owned or occupied by, or rented or loaned to, any insured, other than that additional insured; or



- (iii) "Bodily injury" or "property damage" arising out of heat, smoke or fumes from a "hostile fire";
  - (b) At or from any premises, site or location which is or was at any time used by or for any insured or others for the handling, storage, disposal, processing or treatment of waste;
  - (c) Which are or were at any time transported, handled, stored, treated, disposed of, or processed as waste by or for:
    - (i) Any insured; or
    - (ii) Any person or organization for whom you may be legally responsible;
  - (d) At or from any premises, site or location on which any insured or any contractors or subcontractors working directly or indirectly on any insured's behalf are performing operations if the "pollutants" are brought on or to the premises, site or location in connection with such operations by such insured, contractor or subcontractor. However, this subparagraph does not apply to:
    - (i) "Bodily injury" or "property damage" arising out of the escape of fuels, lubricants or other operating fluids which are needed to perform the normal electrical, hydraulic or mechanical functions necessary for the operation of "mobile equipment" or its parts, if such fuels, lubricants or other operating fluids escape from a vehicle part designed to hold, store or receive them. This exception does not apply if the "bodily injury" or "property damage" arises out of the intentional discharge, dispersal or release of the fuels, lubricants or other operating fluids, or if such fuels, lubricants or other operating fluids are brought on or to the premises, site or location with the intent that they be discharged, dispersed or released as part of the operations being performed by such insured, contractor or subcontractor;
    - (ii) "Bodily injury" or "property damage" sustained within a building and caused by the release of gases, fumes or vapors from materials brought into that building in connection with operations being performed by you or on your behalf by a contractor or subcontractor; or
    - (iii) "Bodily injury" or "property damage" arising out of heat, smoke or fumes from a "hostile fire"; or
  - (e) At or from any premises, site or location on which any insured or any contractors or subcontractors working directly or indirectly on any insured's behalf are performing operations if the operations are to test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of, "pollutants".
- (2) Any loss, cost or expense arising out of any:
- (a) Request, demand, order or statutory or regulatory requirement that any insured or others test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of, "pollutants"; or
  - (b) Claim or suit by or on behalf of a governmental authority for damages because of testing for, monitoring, cleaning up, removing, containing, treating, detoxifying or neutralizing, or in any way responding to, or assessing the effects of, "pollutants".
- However, this paragraph does not apply to liability for damages because of "property damage" that the insured would have in the absence of such request, demand, order or statutory or regulatory requirement, or such claim or "suit" by or on behalf of a governmental authority.

## BUSINESS LIABILITY COVERAGE FORM

### g. Aircraft, Auto Or Watercraft

"Bodily injury" or "property damage" arising out of the ownership, maintenance, use or entrustment to others of any aircraft, "auto" or watercraft owned or operated by or rented or loaned to any insured. Use includes operation and "loading or unloading".

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage" involved the ownership, maintenance, use or entrustment to others of any aircraft, "auto" or watercraft that is owned or operated by or rented or loaned to any insured.

This exclusion does not apply to:

- (1) A watercraft while ashore on premises you own or rent;
- (2) A watercraft you do not own that is:
  - (a) Less than 51 feet long; and
  - (b) Not being used to carry persons for a charge;
- (3) Parking an "auto" on, or on the ways next to, premises you own or rent, provided the "auto" is not owned by or rented or loaned to you or the insured;
- (4) Liability assumed under any "insured contract" for the ownership, maintenance or use of aircraft or watercraft;
- (5) "Bodily injury" or "property damage" arising out of the operation of any of the equipment listed in Paragraph f.(2) or f.(3) of the definition of "mobile equipment"; or
- (6) An aircraft that is not owned by any insured and is hired, chartered or loaned with a paid crew. However, this exception does not apply if the insured has any other insurance for such "bodily injury" or "property damage", whether the other insurance is primary, excess, contingent or on any other basis.

### h. Mobile Equipment

"Bodily injury" or "property damage" arising out of:

- (1) The transportation of "mobile equipment" by an "auto" owned or operated by or rented or loaned to any insured; or

- (2) The use of "mobile equipment" in, or while in practice or preparation for, a prearranged racing, speed or demolition contest or in any stunting activity.

### i. War

"Bodily injury", "property damage" or "personal and advertising injury", however caused, arising, directly or indirectly, out of:

- (1) War, including undeclared or civil war;
- (2) Warlike action by a military force, including action in hindering or defending against an actual or expected attack, by any government, sovereign or other authority using military personnel or other agents; or
- (3) Insurrection, rebellion, revolution, usurped power, or action taken by governmental authority in hindering or defending against any of these.

### j. Professional Services

"Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or failure to render any professional service. This includes but is not limited to:

- (1) Legal, accounting or advertising services;
- (2) Preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications;
- (3) Supervisory, inspection, architectural or engineering activities;
- (4) Medical, surgical, dental, x-ray or nursing services treatment, advice or instruction;
- (5) Any health or therapeutic service treatment, advice or instruction;
- (6) Any service, treatment, advice or instruction for the purpose of appearance or skin enhancement, hair removal or replacement or personal grooming;
- (7) Optical or hearing aid services including the prescribing, preparation, fitting, demonstration or distribution of ophthalmic lenses and similar products or hearing aid devices;

- (8) Optometry or optometric services including but not limited to examination of the eyes and the prescribing, preparation, fitting, demonstration or distribution of ophthalmic lenses and similar products;
- (9) Any:
  - (a) Body piercing (not including ear piercing);
  - (b) Tattooing, including but not limited to the insertion of pigments into or under the skin; and
  - (c) Similar services;
- (10) Services in the practice of pharmacy; and
- (11) Computer consulting, design or programming services, including web site design.

Paragraphs (4) and (5) of this exclusion do not apply to the Incidental Medical Malpractice coverage afforded under Paragraph 1.e. in Section A. - Coverages.

**k. Damage To Property**

"Property damage" to:

- (1) Property you own, rent or occupy, including any costs or expenses incurred by you, or any other person, organization or entity, for repair, replacement, enhancement, restoration or maintenance of such property for any reason, including prevention of injury to a person or damage to another's property;
- (2) Premises you sell, give away or abandon, if the "property damage" arises out of any part of those premises;
- (3) Property loaned to you;
- (4) Personal property in the care, custody or control of the insured;
- (5) That particular part of real property on which you or any contractors or subcontractors working directly or indirectly on your behalf are performing operations, if the "property damage" arises out of those operations; or
- (6) That particular part of any property that must be restored, repaired or replaced because "your work" was incorrectly performed on it.

Paragraphs (1), (3) and (4) of this exclusion do not apply to "property damage" (other than damage by fire) to premises, including the contents of such premises, rented to you for a period of 7 or fewer consecutive days. A separate Limit of Insurance applies to Damage To Premises Rented To You as described in Section D. - Limits Of Insurance.

Paragraph (2) of this exclusion does not apply if the premises are "your work" and were never occupied, rented or held for rental by you.

Paragraphs (3) and (4) of this exclusion do not apply to the use of elevators.

Paragraphs (3), (4), (5) and (6) of this exclusion do not apply to liability assumed under a sidetrack agreement.

Paragraphs (3) and (4) of this exclusion do not apply to "property damage" to borrowed equipment while not being used to perform operations at a job site.

Paragraph (6) of this exclusion does not apply to "property damage" included in the "products-completed operations hazard".

**l. Damage To Your Product**

"Property damage" to "your product" arising out of it or any part of it.

**m. Damage To Your Work**

"Property damage" to "your work" arising out of it or any part of it and included in the "products-completed operations hazard".

This exclusion does not apply if the damaged work or the work out of which the damage arises was performed on your behalf by a subcontractor.

**n. Damage To Impaired Property Or Property Not Physically Injured**

"Property damage" to "impaired property" or property that has not been physically injured, arising out of:

- (1) A defect, deficiency, inadequacy or dangerous condition in "your product" or "your work"; or
- (2) A delay or failure by you or anyone acting on your behalf to perform a contract or agreement in accordance with its terms.

This exclusion does not apply to the loss of use of other property arising out of sudden and accidental physical injury to "your product" or "your work" after it has been put to its intended use.

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### o. Recall Of Products, Work Or Impaired Property

Damages claimed for any loss, cost or expense incurred by you or others for the loss of use, withdrawal, recall, inspection, repair, replacement, adjustment, removal or disposal of:

- (1) "Your product";
- (2) "Your work"; or
- (3) "Impaired property";

if such product, work or property is withdrawn or recalled from the market or from use by any person or organization because of a known or suspected defect, deficiency, inadequacy or dangerous condition in it.

### p. Personal And Advertising Injury

"Personal and advertising injury":

- (1) Arising out of oral, written or electronic publication of material, if done by or at the direction of the insured with knowledge of its falsity;
- (2) Arising out of oral, written or electronic publication of material whose first publication took place before the beginning of the policy period;
- (3) Arising out of a criminal act committed by or at the direction of the insured;
- (4) Arising out of any breach of contract, except an implied contract to use another's "advertising idea" in your "advertisement";
- (5) Arising out of the failure of goods, products or services to conform with any statement of quality or performance made in your "advertisement";
- (6) Arising out of the wrong description of the price of goods, products or services;
- (7) Arising out of any violation of any intellectual property rights such as copyright, patent, trademark, trade name, trade secret, service mark or other designation of origin or authenticity.

However, this exclusion does not apply to infringement, in your "advertisement", of

- (a) Copyright;
- (b) Slogan, unless the slogan is also a trademark, trade name, service mark or other designation of origin or authenticity; or

(c) Title of any literary or artistic work;

- (8) Arising out of an offense committed by an insured whose business is:
  - (a) Advertising, broadcasting, publishing or telecasting;
  - (b) Designing or determining content of web sites for others; or
  - (c) An Internet search, access, content or service provider.

However, this exclusion does not apply to Paragraphs a., b. and c. under the definition of "personal and advertising injury" in Section G. – Liability And Medical Expenses Definitions.

For the purposes of this exclusion, placing an "advertisement" for or linking to others on your web site, by itself, is not considered the business of advertising, broadcasting, publishing or telecasting;

- (9) Arising out of an electronic chat room or bulletin board the insured hosts, owns, or over which the insured exercises control;
- (10) Arising out of the unauthorized use of another's name or product in your e-mail address, domain name or metatags, or any other similar tactics to mislead another's potential customers;
- (11) Arising out of the violation of a person's right of privacy created by any state or federal act.

However, this exclusion does not apply to liability for damages that the insured would have in the absence of such state or federal act;

- (12) Arising out of:
  - (a) An "advertisement" for others on your web site;
  - (b) Placing a link to a web site of others on your web site;
  - (c) Content from a web site of others displayed within a frame or border on your web site. Content includes information, code, sounds, text, graphics or images; or
  - (d) Computer code, software or programming used to enable:
    - (i) Your web site; or
    - (ii) The presentation or functionality of an "advertisement" or other content on your web site;

- (13) Arising out of a violation of any anti-trust law;
- (14) Arising out of the fluctuation in price or value of any stocks, bonds or other securities; or
- (15) Arising out of discrimination or humiliation committed by or at the direction of any "executive officer", director, stockholder, partner or member of the insured.

**q. Electronic Data**

Damages arising out of the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate "electronic data".

**r. Employment-Related Practices**

"Bodily injury" or "personal and advertising injury" to:

- (1) A person arising out of any:
  - (a) Refusal to employ that person;
  - (b) Termination of that person's employment; or
  - (c) Employment-related practices, policies, acts or omissions, such as coercion, demotion, evaluation, reassignment, discipline, defamation, harassment, humiliation or discrimination directed at that person; or
- (2) The spouse, child, parent, brother or sister of that person as a consequence of "bodily injury" or "personal and advertising injury" to the person at whom any of the employment-related practices described in Paragraphs (a), (b), or (c) above is directed.

This exclusion applies:

- (1) Whether the insured may be liable as an employer or in any other capacity; and
- (2) To any obligation to share damages with or repay someone else who must pay damages because of the injury.

**s. Asbestos**

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of the "asbestos hazard".
- (2) Any damages, judgments, settlements, loss, costs or expenses that:

- (a) May be awarded or incurred by reason of any claim or suit alleging actual or threatened injury or damage of any nature or kind to persons or property which would not have occurred in whole or in part but for the "asbestos hazard";
- (b) Arise out of any request, demand, order or statutory or regulatory requirement that any insured or others test for, monitor, clean up, remove, encapsulate, contain, treat, detoxify or neutralize or in any way respond to or assess the effects of an "asbestos hazard"; or
- (c) Arise out of any claim or suit for damages because of testing for, monitoring, cleaning up, removing, encapsulating, containing, treating, detoxifying or neutralizing or in any way responding to or assessing the effects of an "asbestos hazard".

**t. Violation Of Statutes That Govern E-Mails, Fax, Phone Calls Or Other Methods Of Sending Material Or Information**

"Bodily injury", "property damage", or "personal and advertising injury" arising directly or indirectly out of any action or omission that violates or is alleged to violate:

- (1) The Telephone Consumer Protection Act (TCPA), including any amendment of or addition to such law;
- (2) The CAN-SPAM Act of 2003, including any amendment of or addition to such law; or
- (3) Any statute, ordinance or regulation, other than the TCPA or CAN-SPAM Act of 2003, that prohibits or limits the sending, transmitting, communicating or distribution of material or information.

**Damage To Premises Rented To You – Exception For Damage By Fire, Lightning or Explosion**

Exclusions c. through h. and k. through o. do not apply to damage by fire, lightning or explosion to premises rented to you or temporarily occupied by you with permission of the owner. A separate Limit of Insurance applies to this coverage as described in Section D. - Liability And Medical Expenses Limits Of Insurance.

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### 2. Applicable To Medical Expenses Coverage

We will not pay expenses for "bodily injury":

**a. Any Insured**

To any insured, except "volunteer workers".

**b. Hired Person**

To a person hired to do work for or on behalf of any insured or a tenant of any insured.

**c. Injury On Normally Occupied Premises**

To a person injured on that part of premises you own or rent that the person normally occupies.

**d. Workers' Compensation And Similar Laws**

To a person, whether or not an "employee" of any insured, if benefits for the "bodily injury" are payable or must be provided under a workers' compensation or disability benefits law or a similar law.

**e. Athletics Activities**

To a person injured while practicing, instructing or participating in any physical exercises or games, sports or athletic contests.

**f. Products-Completed Operations Hazard**

Included with the "products-completed operations hazard".

**g. Business Liability Exclusions**

Excluded under Business Liability Coverage.

## C. WHO IS AN INSURED

1. If you are designated in the Declarations as:

- a.** An individual, you and your spouse are insureds, but only with respect to the conduct of a business of which you are the sole owner.
- b.** A partnership or joint venture, you are an insured. Your members, your partners, and their spouses are also insureds, but only with respect to the conduct of your business.
- c.** A limited liability company, you are an insured. Your members are also insureds, but only with respect to the conduct of your business. Your managers are insureds, but only with respect to their duties as your managers.
- d.** An organization other than a partnership, joint venture or limited liability company, you are an insured. Your "executive officers" and directors are insureds, but only with respect to their duties as your officers or directors. Your stockholders are also insureds, but only with respect to their liability as stockholders.

**e.** A trust, you are an insured. Your trustees are also insureds, but only with respect to their duties as trustees.

2. Each of the following is also an insured:

**a. Employees And Volunteer Workers**

Your "volunteer workers" only while performing duties related to the conduct of your business, or your "employees", other than either your "executive officers" (if you are an organization other than a partnership, joint venture or limited liability company) or your managers (if you are a limited liability company), but only for acts within the scope of their employment by you or while performing duties related to the conduct of your business.

However, none of these "employees" or "volunteer workers" are insureds for:

**(1)** "Bodily injury" or "personal and advertising injury":

- (a)** To you, to your partners or members (if you are a partnership or joint venture), to your members (if you are a limited liability company), or to a co-"employee" while in the course of his or her employment or performing duties related to the conduct of your business, or to your other "volunteer workers" while performing duties related to the conduct of your business;
- (b)** To the spouse, child, parent, brother or sister of that co-"employee" or that "volunteer worker" as a consequence of Paragraph **(1)(a)** above;
- (c)** For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraphs **(1)(a)** or **(b)** above; or
- (d)** Arising out of his or her providing or failing to provide professional health care services.

If you are not in the business of providing professional health care services, Paragraph **(d)** does not apply to any nurse, emergency medical technician or paramedic employed by you to provide such services.

**(2)** "Property damage" to property:

- (a)** Owned, occupied or used by,

(b) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by you, any of your "employees", "volunteer workers", any partner or member (if you are a partnership or joint venture), or any member (if you are a limited liability company).

**b. Real Estate Manager**

Any person (other than your "employee" or "volunteer worker"), or any organization while acting as your real estate manager.

**c. Temporary Custodians Of Your Property**

Any person or organization having proper temporary custody of your property if you die, but only:

- (1) With respect to liability arising out of the maintenance or use of that property; and
- (2) Until your legal representative has been appointed.

**d. Legal Representative If You Die**

Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this insurance.

**e. Unnamed Subsidiary**

Any subsidiary and subsidiary thereof, of yours which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this Coverage Part.

The insurance afforded herein for any subsidiary not shown in the Declarations as a named insured does not apply to injury or damage with respect to which an insured under this insurance is also an insured under another policy or would be an insured under such policy but for its termination or upon the exhaustion of its limits of insurance.

**3. Newly Acquired Or Formed Organization**

Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain financial interest of more than 50% of the voting stock, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:

- a. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier; and

b. Coverage under this provision does not apply to:

- (1) "Bodily injury" or "property damage" that occurred; or
- (2) "Personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

**4. Operator Of Mobile Equipment**

With respect to "mobile equipment" registered in your name under any motor vehicle registration law, any person is an insured while driving such equipment along a public highway with your permission. Any other person or organization responsible for the conduct of such person is also an insured, but only with respect to liability arising out of the operation of the equipment, and only if no other insurance of any kind is available to that person or organization for this liability. However, no person or organization is an insured with respect to:

- a. "Bodily injury" to a co-"employee" of the person driving the equipment; or
- b. "Property damage" to property owned by, rented to, in the charge of or occupied by you or the employer of any person who is an insured under this provision.

**5. Operator of Nonowned Watercraft**

With respect to watercraft you do not own that is less than 51 feet long and is not being used to carry persons for a charge, any person is an insured while operating such watercraft with your permission. Any other person or organization responsible for the conduct of such person is also an insured, but only with respect to liability arising out of the operation of the watercraft, and only if no other insurance of any kind is available to that person or organization for this liability.

However, no person or organization is an insured with respect to:

- a. "Bodily injury" to a co-"employee" of the person operating the watercraft; or
- b. "Property damage" to property owned by, rented to, in the charge of or occupied by you or the employer of any person who is an insured under this provision.

**6. Additional Insureds When Required By Written Contract, Written Agreement Or Permit**

The person(s) or organization(s) identified in Paragraphs a. through f. below are additional insureds when you have agreed, in a written

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contract, written agreement or because of a permit issued by a state or political subdivision, that such person or organization be added as an additional insured on your policy, provided the injury or damage occurs subsequent to the execution of the contract or agreement, or the issuance of the permit.

A person or organization is an additional insured under this provision only for that period of time required by the contract, agreement or permit.

However, no such person or organization is an additional insured under this provision if such person or organization is included as an additional insured by an endorsement issued by us and made a part of this Coverage Part, including all persons or organizations added as additional insureds under the specific additional insured coverage grants in Section F. – Optional Additional Insured Coverages.

### a. Vendors

Any person(s) or organization(s) (referred to below as vendor), but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business and only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".

- (1) The insurance afforded to the vendor is subject to the following additional exclusions:

This insurance does not apply to:

- (a) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
- (b) Any express warranty unauthorized by you;
- (c) Any physical or chemical change in the product made intentionally by the vendor;
- (d) Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

(e) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

(f) Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

(g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or

(h) "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

(i) The exceptions contained in Subparagraphs (d) or (f); or

(ii) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

- (2) This insurance does not apply to any insured person or organization from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

### b. Lessors Of Equipment

- (1) Any person or organization from whom you lease equipment; but only with respect to their liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person or organization.



- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after you cease to lease that equipment.

**c. Lessors Of Land Or Premises**

- (1) Any person or organization from whom you lease land or premises, but only with respect to liability arising out of the ownership, maintenance or use of that part of the land or premises leased to you.
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:
  - (a) Any "occurrence" which takes place after you cease to lease that land or be a tenant in that premises; or
  - (b) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

**d. Architects, Engineers Or Surveyors**

- (1) Any architect, engineer, or surveyor, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:
  - (a) In connection with your premises; or
  - (b) In the performance of your ongoing operations performed by you or on your behalf.
- (2) With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:  
 This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services by or for you, including:
  - (a) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
  - (b) Supervisory, inspection, architectural or engineering activities.

**e. Permits Issued By State Or Political Subdivisions**

- (1) Any state or political subdivision, but only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit.
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:
  - (a) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or municipality; or
  - (b) "Bodily injury" or "property damage" included within the "products-completed operations hazard".

**f. Any Other Party**

- (1) Any other person or organization who is not an insured under Paragraphs a. through e. above, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:
  - (a) In the performance of your ongoing operations;
  - (b) In connection with your premises owned by or rented to you; or
  - (c) In connection with "your work" and included within the "products-completed operations hazard", but only if
    - (i) The written contract or written agreement requires you to provide such coverage to such additional insured; and
    - (ii) This Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:  
 "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

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- (a) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
- (b) Supervisory, inspection, architectural or engineering activities.

The limits of insurance that apply to additional insureds are described in Section **D. – Limits Of Insurance**.

How this insurance applies when other insurance is available to an additional insured is described in the Other Insurance Condition in Section **E. – Liability And Medical Expenses General Conditions**.

No person or organization is an insured with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a Named Insured in the Declarations.

### **D. LIABILITY AND MEDICAL EXPENSES LIMITS OF INSURANCE**

#### **1. The Most We Will Pay**

The Limits of Insurance shown in the Declarations and the rules below fix the most we will pay regardless of the number of:

- a. Insureds;
- b. Claims made or "suits" brought; or
- c. Persons or organizations making claims or bringing "suits".

#### **2. Aggregate Limits**

The most we will pay for:

- a. Damages because of "bodily injury" and "property damage" included in the "products-completed operations hazard" is the Products-Completed Operations Aggregate Limit shown in the Declarations.
- b. Damages because of all other "bodily injury", "property damage" or "personal and advertising injury", including medical expenses, is the General Aggregate Limit shown in the Declarations.

This General Aggregate Limit applies separately to each of your "locations" owned by or rented to you.

"Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway or right-of-way of a railroad.

This General Aggregate limit does not apply to "property damage" to premises while rented to you or temporarily occupied by you with permission of the owner, arising out of fire, lightning or explosion.

#### **3. Each Occurrence Limit**

Subject to **2.a.** or **2.b.** above, whichever applies, the most we will pay for the sum of all damages because of all "bodily injury", "property damage" and medical expenses arising out of any one "occurrence" is the Liability and Medical Expenses Limit shown in the Declarations.

The most we will pay for all medical expenses because of "bodily injury" sustained by any one person is the Medical Expenses Limit shown in the Declarations.

#### **4. Personal And Advertising Injury Limit**

Subject to **2.b.** above, the most we will pay for the sum of all damages because of all "personal and advertising injury" sustained by any one person or organization is the Personal and Advertising Injury Limit shown in the Declarations.

#### **5. Damage To Premises Rented To You Limit**

The Damage To Premises Rented To You Limit is the most we will pay under Business Liability Coverage for damages because of "property damage" to any one premises, while rented to you, or in the case of damage by fire, lightning or explosion, while rented to you or temporarily occupied by you with permission of the owner.

In the case of damage by fire, lightning or explosion, the Damage to Premises Rented To You Limit applies to all damage proximately caused by the same event, whether such damage results from fire, lightning or explosion or any combination of these.

#### **6. How Limits Apply To Additional Insureds**

The most we will pay on behalf of a person or organization who is an additional insured under this Coverage Part is the lesser of:

- a. The limits of insurance specified in a written contract, written agreement or permit issued by a state or political subdivision; or
- b. The Limits of Insurance shown in the Declarations.

Such amount shall be a part of and not in addition to the Limits of Insurance shown in the Declarations and described in this Section.

If more than one limit of insurance under this policy and any endorsements attached thereto applies to any claim or "suit", the most we will pay under this policy and the endorsements is the single highest limit of liability of all coverages applicable to such claim or "suit". However, this paragraph does not apply to the Medical Expenses limit set forth in Paragraph 3. above.

The Limits of Insurance of this Coverage Part apply separately to each consecutive annual period and to any remaining period of less than 12 months, starting with the beginning of the policy period shown in the Declarations, unless the policy period is extended after issuance for an additional period of less than 12 months. In that case, the additional period will be deemed part of the last preceding period for purposes of determining the Limits of Insurance.

## **E. LIABILITY AND MEDICAL EXPENSES GENERAL CONDITIONS**

### **1. Bankruptcy**

Bankruptcy or insolvency of the insured or of the insured's estate will not relieve us of our obligations under this Coverage Part.

### **2. Duties In The Event Of Occurrence, Offense, Claim Or Suit**

#### **a. Notice Of Occurrence Or Offense**

You or any additional insured must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, notice should include:

- (1) How, when and where the "occurrence" or offense took place;
- (2) The names and addresses of any injured persons and witnesses; and
- (3) The nature and location of any injury or damage arising out of the "occurrence" or offense.

#### **b. Notice Of Claim**

If a claim is made or "suit" is brought against any insured, you or any additional insured must:

- (1) Immediately record the specifics of the claim or "suit" and the date received; and
- (2) Notify us as soon as practicable.

You or any additional insured must see to it that we receive a written notice of the claim or "suit" as soon as practicable.

#### **c. Assistance And Cooperation Of The Insured**

You and any other involved insured must:

- (1) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the claim or "suit";
- (2) Authorize us to obtain records and other information;
- (3) Cooperate with us in the investigation, settlement of the claim or defense against the "suit"; and
- (4) Assist us, upon our request, in the enforcement of any right against any person or organization that may be liable to the insured because of injury or damage to which this insurance may also apply.

#### **d. Obligations At The Insured's Own Cost**

No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense, other than for first aid, without our consent.

#### **e. Additional Insured's Other Insurance**

If we cover a claim or "suit" under this Coverage Part that may also be covered by other insurance available to an additional insured, such additional insured must submit such claim or "suit" to the other insurer for defense and indemnity.

However, this provision does not apply to the extent that you have agreed in a written contract, written agreement or permit that this insurance is primary and non-contributory with the additional insured's own insurance.

#### **f. Knowledge Of An Occurrence, Offense, Claim Or Suit**

Paragraphs **a.** and **b.** apply to you or to any additional insured only when such "occurrence", offense, claim or "suit" is known to:

- (1) You or any additional insured that is an individual;
- (2) Any partner, if you or an additional insured is a partnership;
- (3) Any manager, if you or an additional insured is a limited liability company;
- (4) Any "executive officer" or insurance manager, if you or an additional insured is a corporation;
- (5) Any trustee, if you or an additional insured is a trust; or
- (6) Any elected or appointed official, if you or an additional insured is a political subdivision or public entity.

## BUSINESS LIABILITY COVERAGE FORM

This Paragraph f. applies separately to you and any additional insured.

### 3. Financial Responsibility Laws

- a. When this policy is certified as proof of financial responsibility for the future under the provisions of any motor vehicle financial responsibility law, the insurance provided by the policy for "bodily injury" liability and "property damage" liability will comply with the provisions of the law to the extent of the coverage and limits of insurance required by that law.
- b. With respect to "mobile equipment" to which this insurance applies, we will provide any liability, uninsured motorists, underinsured motorists, no-fault or other coverage required by any motor vehicle law. We will provide the required limits for those coverages.

### 4. Legal Action Against Us

No person or organization has a right under this Coverage Form:

- a. To join us as a party or otherwise bring us into a "suit" asking for damages from an insured; or
- b. To sue us on this Coverage Form unless all of its terms have been fully complied with.

A person or organization may sue us to recover on an agreed settlement or on a final judgment against an insured; but we will not be liable for damages that are not payable under the terms of this insurance or that are in excess of the applicable limit of insurance. An agreed settlement means a settlement and release of liability signed by us, the insured and the claimant or the claimant's legal representative.

### 5. Separation Of Insureds

Except with respect to the Limits of Insurance, and any rights or duties specifically assigned in this policy to the first Named Insured, this insurance applies:

- a. As if each Named Insured were the only Named Insured; and
- b. Separately to each insured against whom a claim is made or "suit" is brought.

### 6. Representations

#### a. When You Accept This Policy

By accepting this policy, you agree:

- (1) The statements in the Declarations are accurate and complete;
- (2) Those statements are based upon representations you made to us; and

- (3) We have issued this policy in reliance upon your representations.

### b. Unintentional Failure To Disclose Hazards

If unintentionally you should fail to disclose all hazards relating to the conduct of your business at the inception date of this Coverage Part, we shall not deny any coverage under this Coverage Part because of such failure.

### 7. Other Insurance

If other valid and collectible insurance is available for a loss we cover under this Coverage Part, our obligations are limited as follows:

#### a. Primary Insurance

This insurance is primary except when b. below applies. If other insurance is also primary, we will share with all that other insurance by the method described in c. below.

#### b. Excess Insurance

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis:

#### (1) Your Work

That is Fire, Extended Coverage, Builder's Risk, Installation Risk or similar coverage for "your work";

#### (2) Premises Rented To You

That is fire, lightning or explosion insurance for premises rented to you or temporarily occupied by you with permission of the owner;

#### (3) Tenant Liability

That is insurance purchased by you to cover your liability as a tenant for "property damage" to premises rented to you or temporarily occupied by you with permission of the owner;

#### (4) Aircraft, Auto Or Watercraft

If the loss arises out of the maintenance or use of aircraft, "autos" or watercraft to the extent not subject to Exclusion g. of Section A. – Coverages.

#### (5) Property Damage To Borrowed Equipment Or Use Of Elevators

If the loss arises out of "property damage" to borrowed equipment or the use of elevators to the extent not subject to Exclusion k. of Section A. – Coverages.

**(6) When You Are Added As An Additional Insured To Other Insurance**

That is other insurance available to you covering liability for damages arising out of the premises or operations, or products and completed operations, for which you have been added as an additional insured by that insurance; or

**(7) When You Add Others As An Additional Insured To This Insurance**

That is other insurance available to an additional insured.

However, the following provisions apply to other insurance available to any person or organization who is an additional insured under this Coverage Part:

**(a) Primary Insurance When Required By Contract**

This insurance is primary if you have agreed in a written contract, written agreement or permit that this insurance be primary. If other insurance is also primary, we will share with all that other insurance by the method described in **c.** below.

**(b) Primary And Non-Contributory To Other Insurance When Required By Contract**

If you have agreed in a written contract, written agreement or permit that this insurance is primary and non-contributory with the additional insured's own insurance, this insurance is primary and we will not seek contribution from that other insurance.

Paragraphs **(a)** and **(b)** do not apply to other insurance to which the additional insured has been added as an additional insured.

When this insurance is excess, we will have no duty under this Coverage Part to defend the insured against any "suit" if any other insurer has a duty to defend the insured against that "suit". If no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (1)** The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (2)** The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits of Insurance shown in the Declarations of this Coverage Part.

**c. Method Of Sharing**

If all the other insurance permits contribution by equal shares, we will follow this method also. Under this approach, each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

**8. Transfer Of Rights Of Recovery Against Others To Us**

**a. Transfer Of Rights Of Recovery**

If the insured has rights to recover all or part of any payment, including Supplementary Payments, we have made under this Coverage Part, those rights are transferred to us. The insured must do nothing after loss to impair them. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce them. This condition does not apply to Medical Expenses Coverage.

**b. Waiver Of Rights Of Recovery (Waiver Of Subrogation)**

If the insured has waived any rights of recovery against any person or organization for all or part of any payment, including Supplementary Payments, we have made under this Coverage Part, we also waive that right, provided the insured waived their rights of recovery against such person or organization in a contract, agreement or permit that was executed prior to the injury or damage.

**F. OPTIONAL ADDITIONAL INSURED COVERAGES**

If listed or shown as applicable in the Declarations, one or more of the following Optional Additional Insured Coverages also apply. When any of these Optional Additional Insured Coverages apply, Paragraph 6. (Additional Insureds When Required by Written Contract, Written Agreement or Permit) of Section C., Who Is An Insured, does not apply to the person or organization shown in the Declarations. These coverages are subject to the terms and conditions applicable to Business Liability Coverage in this policy, except as provided below:

**1. Additional Insured - Designated Person Or Organization**

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- a. In the performance of your ongoing operations; or
- b. In connection with your premises owned by or rented to you.

**2. Additional Insured - Managers Or Lessors Of Premises**

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured - Designated Person Or Organization; but only with respect to liability arising out of the ownership, maintenance or use of that part of the premises leased to you and shown in the Declarations.

b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) Any "occurrence" which takes place after you cease to be a tenant in that premises; or
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

**3. Additional Insured - Grantor Of Franchise**

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured - Grantor Of Franchise, but only with respect to their liability as grantor of franchise to you.

**4. Additional Insured - Lessor Of Leased Equipment**

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Lessor of Leased Equipment, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s).

b. With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after you cease to lease that equipment.

**5. Additional Insured - Owners Or Other Interests From Whom Land Has Been Leased**

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Owners Or Other Interests From Whom Land Has Been Leased, but only with respect to liability arising out of the ownership, maintenance or use of that part of the land leased to you and shown in the Declarations.

b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) Any "occurrence" that takes place after you cease to lease that land; or
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

**6. Additional Insured - State Or Political Subdivision – Permits**

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the state or political subdivision shown in the Declarations as an Additional

Insured – State Or Political Subdivision - Permits, but only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit.

- b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or municipality; or
- (2) "Bodily injury" or "property damage" included in the "product-completed operations" hazard.

**7. Additional Insured – Vendors**

- a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) (referred to below as vendor) shown in the Declarations as an Additional Insured - Vendor, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business and only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".
- b. The insurance afforded to the vendor is subject to the following additional exclusions:

- (1) This insurance does not apply to:
  - (a) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
  - (b) Any express warranty unauthorized by you;
  - (c) Any physical or chemical change in the product made intentionally by the vendor;
  - (d) Repackaging, unless unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

- (e) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

- (f) Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

- (g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or

- (h) "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

- (i) The exceptions contained in Subparagraphs (d) or (f); or

- (ii) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

- (2) This insurance does not apply to any insured person or organization from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

**8. Additional Insured – Controlling Interest**

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Controlling Interest, but only with respect to their liability arising out of:

- a. Their financial control of you; or
- b. Premises they own, maintain or control while you lease or occupy these premises.

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This insurance does not apply to structural alterations, new construction and demolition operations performed by or for that person or organization.

### 9. Additional Insured – Owners, Lessees Or Contractors – Scheduled Person Or Organization

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Owner, Lessees Or Contractors, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- (1) In the performance of your ongoing operations for the additional insured(s); or
- (2) In connection with "your work" performed for that additional insured and included within the "products-completed operations hazard", but only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".

b. With respect to the insurance afforded to these additional insureds, this insurance does not apply to "bodily injury", "property damage" or "personal an advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- (1) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
- (2) Supervisory, inspection, architectural or engineering activities.

### 10. Additional Insured – Co-Owner Of Insured Premises

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or Organization(s) shown in the Declarations as an Additional Insured – Co-Owner Of Insured Premises, but only with respect to their liability as co-owner of the premises shown in the Declarations.

The limits of insurance that apply to additional insureds are described in Section D. – Limits Of Insurance.

How this insurance applies when other insurance is available to an additional insured is described in the Other Insurance Condition in Section E. – Liability And Medical Expenses General Conditions.

## G. LIABILITY AND MEDICAL EXPENSES DEFINITIONS

1. "Advertisement" means the widespread public dissemination of information or images that has the purpose of inducing the sale of goods, products or services through:

- a. (1) Radio;
- (2) Television;
- (3) Billboard;
- (4) Magazine;
- (5) Newspaper;

b. The Internet, but only that part of a web site that is about goods, products or services for the purposes of inducing the sale of goods, products or services; or

c. Any other publication that is given widespread public distribution.

However, "advertisement" does not include:

a. The design, printed material, information or images contained in, on or upon the packaging or labeling of any goods or products; or

b. An interactive conversation between or among persons through a computer network.

2. "Advertising idea" means any idea for an "advertisement".

3. "Asbestos hazard" means an exposure or threat of exposure to the actual or alleged properties of asbestos and includes the mere presence of asbestos in any form.

4. "Auto" means a land motor vehicle, trailer or semi-trailer designed for travel on public roads, including any attached machinery or equipment. But "auto" does not include "mobile equipment".

5. "Bodily injury" means physical:

- a. Injury;
- b. Sickness; or
- c. Disease

sustained by a person and, if arising out of the above, mental anguish or death at any time.

6. "Coverage territory" means:



- a. The United States of America (including its territories and possessions), Puerto Rico and Canada;
- b. International waters or airspace, but only if the injury or damage occurs in the course of travel or transportation between any places included in a. above;
- c. All other parts of the world if the injury or damage arises out of:
  - (1) Goods or products made or sold by you in the territory described in a. above;
  - (2) The activities of a person whose home is in the territory described in a. above, but is away for a short time on your business; or
  - (3) "Personal and advertising injury" offenses that take place through the Internet or similar electronic means of communication

provided the insured's responsibility to pay damages is determined in the United States of America (including its territories and possessions), Puerto Rico or Canada, in a "suit" on the merits according to the substantive law in such territory, or in a settlement we agree to.

- 7. "Electronic data" means information, facts or programs:
  - a. Stored as or on;
  - b. Created or used on; or
  - c. Transmitted to or from computer software, including systems and applications software, hard or floppy disks, CD-ROMS, tapes, drives, cells, data processing devices or any other media which are used with electronically controlled equipment.
- 8. "Employee" includes a "leased worker". "Employee" does not include a "temporary worker".
- 9. "Executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document.
- 10. "Hostile fire" means one which becomes uncontrollable or breaks out from where it was intended to be.
- 11. "Impaired property" means tangible property, other than "your product" or "your work", that cannot be used or is less useful because:
  - a. It incorporates "your product" or "your work" that is known or thought to be defective, deficient, inadequate or dangerous; or

- b. You have failed to fulfill the terms of a contract or agreement;  
if such property can be restored to use by:
  - a. The repair, replacement, adjustment or removal of "your product" or "your work"; or
  - b. Your fulfilling the terms of the contract or agreement.

**12. "Insured contract" means:**

- a. A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire, lightning or explosion to premises while rented to you or temporarily occupied by you with permission of the owner is subject to the Damage To Premises Rented To You limit described in Section D. – Liability and Medical Expenses Limits of Insurance.
- b. A sidetrack agreement;
- c. Any easement or license agreement, including an easement or license agreement in connection with construction or demolition operations on or within 50 feet of a railroad;
- d. Any obligation, as required by ordinance, to indemnify a municipality, except in connection with work for a municipality;
- e. An elevator maintenance agreement; or
- f. That part of any other contract or agreement pertaining to your business (including an indemnification of a municipality in connection with work performed for a municipality) under which you assume the tort liability of another party to pay for "bodily injury" or "property damage" to a third person or organization, provided the "bodily injury" or "property damage" is caused, in whole or in part, by you or by those acting on your behalf. Tort liability means a liability that would be imposed by law in the absence of any contract or agreement.

Paragraph f. includes that part of any contract or agreement that indemnifies a railroad for "bodily injury" or "property damage" arising out of construction or demolition operations within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road-beds, tunnel, underpass or crossing.

However, Paragraph f. does not include that part of any contract or agreement:

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- (1) That indemnifies an architect, engineer or surveyor for injury or damage arising out of:
      - (a) Preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
      - (b) Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage; or
    - (2) Under which the insured, if an architect, engineer or surveyor, assumes liability for an injury or damage arising out of the insured's rendering or failure to render professional services, including those listed in (1) above and supervisory, inspection, architectural or engineering activities.
  13. "Leased worker" means a person leased to you by a labor leasing firm under an agreement between you and the labor leasing firm, to perform duties related to the conduct of your business. "Leased worker" does not include a "temporary worker".
  14. "Loading or unloading" means the handling of property:
    - a. After it is moved from the place where it is accepted for movement into or onto an aircraft, watercraft or "auto";
    - b. While it is in or on an aircraft, watercraft or "auto"; or
    - c. While it is being moved from an aircraft, watercraft or "auto" to the place where it is finally delivered;but "loading or unloading" does not include the movement of property by means of a mechanical device, other than a hand truck, that is not attached to the aircraft, watercraft or "auto".
  15. "Mobile equipment" means any of the following types of land vehicles, including any attached machinery or equipment:
    - a. Bulldozers, farm machinery, forklifts and other vehicles designed for use principally off public roads;
    - b. Vehicles maintained for use solely on or next to premises you own or rent;
    - c. Vehicles that travel on crawler treads;
    - d. Vehicles, whether self-propelled or not, on which are permanently mounted:
      - (1) Power cranes, shovels, loaders, diggers or drills; or
      - (2) Road construction or resurfacing equipment such as graders, scrapers or rollers;
  - e. Vehicles not described in a., b., c., or d. above that are not self-propelled and are maintained primarily to provide mobility to permanently attached equipment of the following types:
    - (1) Air compressors, pumps and generators, including spraying, welding, building cleaning, geophysical exploration, lighting and well servicing equipment; or
    - (2) Cherry pickers and similar devices used to raise or lower workers;
  - f. Vehicles not described in a., b., c., or d. above maintained primarily for purposes other than the transportation of persons or cargo.

However, self-propelled vehicles with the following types of permanently attached equipment are not "mobile equipment" but will be considered "autos":

    - (1) Equipment, of at least 1,000 pounds gross vehicle weight, designed primarily for:
      - (a) Snow removal;
      - (b) Road maintenance, but not construction or resurfacing; or
      - (c) Street cleaning;
    - (2) Cherry pickers and similar devices mounted on automobile or truck chassis and used to raise or lower workers; and
    - (3) Air compressors, pumps and generators, including spraying, welding, building cleaning, geophysical exploration, lighting and well servicing equipment.
16. "Occurrence" means an accident, including continuous or repeated exposure to substantially the same general harmful conditions.
17. "Personal and advertising injury" means injury, including consequential "bodily injury", arising out of one or more of the following offenses:
  - a. False arrest, detention or imprisonment;
  - b. Malicious prosecution;

- c. The wrongful eviction from, wrongful entry into, or invasion of the right of private occupancy of a room, dwelling or premises that the person occupies, committed by or on behalf of its owner, landlord or lessor;
  - d. Oral, written or electronic publication of material that slanders or libels a person or organization or disparages a person's or organization's goods, products or services;
  - e. Oral, written or electronic publication of material that violates a person's right of privacy;
  - f. Copying, in your "advertisement", a person's or organization's "advertising idea" or style of "advertisement";
  - g. Infringement of copyright, slogan, or title of any literary or artistic work, in your "advertisement"; or
  - h. Discrimination or humiliation that results in injury to the feelings or reputation of a natural person.
- 18.** "Pollutants" means any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, fumes, acids, alkalis, chemicals and waste. Waste includes materials to be recycled, reconditioned or reclaimed.
- 19.** "Products-completed operations hazard";
- a. Includes all "bodily injury" and "property damage" occurring away from premises you own or rent and arising out of "your product" or "your work" except:
    - (1) Products that are still in your physical possession; or
    - (2) Work that has not yet been completed or abandoned. However, "your work" will be deemed to be completed at the earliest of the following times:
      - (a) When all of the work called for in your contract has been completed.
      - (b) When all of the work to be done at the job site has been completed if your contract calls for work at more than one job site.
      - (c) When that part of the work done at a job site has been put to its intended use by any person or organization other than another contractor or subcontractor working on the same project.
- Work that may need service, maintenance, correction, repair or replacement, but which is otherwise complete, will be treated as completed.
- The "bodily injury" or "property damage" must occur away from premises you own or rent, unless your business includes the selling, handling or distribution of "your product" for consumption on premises you own or rent.
- b. Does not include "bodily injury" or "property damage" arising out of:
    - (1) The transportation of property, unless the injury or damage arises out of a condition in or on a vehicle not owned or operated by you, and that condition was created by the "loading or unloading" of that vehicle by any insured; or
    - (2) The existence of tools, uninstalled equipment or abandoned or unused materials.
- 20.** "Property damage" means:
- a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it; or
  - b. Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of "occurrence" that caused it.
- As used in this definition, "electronic data" is not tangible property.
- 21.** "Suit" means a civil proceeding in which damages because of "bodily injury", "property damage" or "personal and advertising injury" to which this insurance applies are alleged. "Suit" includes:
- a. An arbitration proceeding in which such damages are claimed and to which the insured must submit or does submit with our consent; or
  - b. Any other alternative dispute resolution proceeding in which such damages are claimed and to which the insured submits with our consent.
- 22.** "Temporary worker" means a person who is furnished to you to substitute for a permanent "employee" on leave or to meet seasonal or short-term workload conditions.
- 23.** "Volunteer worker" means a person who:
- a. Is not your "employee";

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- b. Donates his or her work;
  - c. Acts at the direction of and within the scope of duties determined by you; and
  - d. Is not paid a fee, salary or other compensation by you or anyone else for their work performed for you.
- 24. "Your product":**
- a. Means:
    - (1) Any goods or products, other than real property, manufactured, sold, handled, distributed or disposed of by:
      - (a) You;
      - (b) Others trading under your name; or
      - (c) A person or organization whose business or assets you have acquired; and
    - (2) Containers (other than vehicles), materials, parts or equipment furnished in connection with such goods or products.
  - b. Includes:
    - (1) Warranties or representations made at any time with respect to the fitness, quality, durability, performance or use of "your product"; and
    - (2) The providing of or failure to provide warnings or instructions.
- 25. "Your work":**
- a. Means:
    - (1) Work or operations performed by you or on your behalf; and
    - (2) Materials, parts or equipment furnished in connection with such work or operations.
  - b. Includes:
    - (1) Warranties or representations made at any time with respect to the fitness, quality, durability, performance or use of "your work"; and
    - (2) The providing of or failure to provide warnings or instructions.